# Amherst College Bulletin

## CATALOG ISSUE 1956-57

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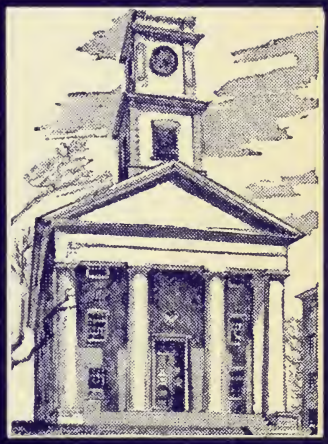

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# AMHERST COLLEGE BULLETIN

*Catalog Issue*
*1956-1957*

VOLUME 46 DECEMBER, 1956 NUMBER 2

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# 1956

## JULY

| S | M | T | W | T | F | S |
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# 1957

## JANUARY

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## SEPTEMBER

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## NOVEMBER

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## DECEMBER

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# 1958

## JANUARY

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## FEBRUARY

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## MARCH

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## APRIL

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## MAY

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## JUNE

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# College Calendar

## 1956

| | | |
|---|---|---|
| Sept. 14 | *Friday* | Beginning of Freshman Orientation |
| Sept. 19 | *Wednesday*, 2:00 p.m. | Opening Chapel Service |
| Sept. 20 | *Thursday*, 8:00 a.m. | Beginning of Classes |
| Oct. 27 | *Saturday* (a holiday) | Wesleyan Football Game |
| Nov. 17 | *Saturday* (a holiday) | Williams Football Game |
| Nov. 21 | *Wednesday*, 12:50 p.m. | Beginning of Thanksgiving Recess |
| Nov. 26 | *Monday*, 8:00 a.m. | End of Thanksgiving Recess |
| Dec. 19 | *Wednesday*, 4:00 p.m. | Beginning of Christmas Recess |

## 1957

| | | |
|---|---|---|
| Jan. 3 | *Thursday*, 8:00 a.m. | End of Christmas Recess |
| Jan. 18 | *Friday* | First Semester Examination Period |
| through | | |
| Jan. 24 | *Thursday* | |
| Jan. 28 | *Monday*, 8:00 a.m. | Beginning of Second Semester |
| Mar. 23 | *Saturday*, 12:00 noon | Beginning of Spring Recess |
| April 8 | *Monday*, 8:00 a.m. | End of Spring Recess |
| May 4 | *Saturday* (a holiday) | Dance Holiday |
| May 27 | *Monday* | Second Semester Examination Period |
| through | | |
| June 1 | *Saturday* | |
| June 9 | *Sunday* | Commencement |
| Sept. 13 | *Friday* | Beginning of Freshman Orientation |
| Sept. 18 | *Wednesday*, 2.00 p.m. | Opening Chapel Service |
| Sept. 19 | *Thursday*, 8:00 a.m. | Beginning of Classes |
| Oct. 26 | *Saturday* (a holiday) | Wesleyan Football Game |
| Nov. 16 | *Saturday* (a holiday) | Williams Football Game |
| Nov. 27 | *Wednesday*, 12:50 p.m. | Beginning of Thanksgiving Recess |
| Dec. 2 | *Monday*, 8:00 a.m. | End of Thanksgiving Recess |
| Dec. 19 | *Thursday*, 4:00 p.m. | Beginning of Christmas Recess |

## 1958

| | | |
|---|---|---|
| Jan. 3 | *Friday*, 8:00 a.m. | End of Christmas Recess |
| Jan. 17 | *Friday* | First Semester Examination Period |
| through | | |
| Jan. 23 | *Thursday* | |
| Jan. 27 | *Monday*, 8:00 a.m. | Beginning of Second Semester |
| Mar. 22 | *Saturday*, 12:00 noon | Beginning of Spring Recess |
| April 7 | *Monday*, 8:00 a.m. | End of Spring Recess |
| May 9 | *Saturday* (a holiday) | Dance Holiday |
| May 26 | *Monday* | Second Semester Examination Period |
| through | | |
| May 31 | *Saturday* | |
| June 8 | *Sunday* | Commencement |

# The Corporation

| | |
|---|---|
| John Jay McCloy, LL.B., LL.D. | New York, N. Y. |
| *Chairman of the Corporation* | |
| Charles Woolsey Cole, PH.D., SC.D., L.H.D., LITT.D., LL.D. | |
| *President of the College* | Amherst, Mass. |
| Paul Dyess Weathers, M.B.A. | Amherst, Mass. |
| *Treasurer of the Corporation* | |
| Eustace Seligman, LL.B. | New York, N. Y. |
| Frank Learoyd Boyden, SC.D., PD.D., LITT.D., L.H.D., LL.D. | Deerfield, Mass. |
| Henry Selden Kingman, B.A. | Minneapolis, Minn. |
| Francis Taylor Pearsons Plimpton, LL.B. | New York, N. Y. |
| Charles Belcher Rugg, M.A., LL.B. | Boston, Mass. |
| Richardson Pratt, B.A. | New York, N. Y. |
| Arthur Fairbanks Ells, LL.D. | Litchfield, Conn. |
| Julius Seelye Bixler, PH.D., D.D., L.H.D., LL.D., D.C.L. | Waterville, Maine |
| Winthrop Hiram Smith, B.A. | New York, N. Y. |
| * Kendall Bush DeBevoise, LL.B. | Montclair, N. J. |
| * Lafayette Sumner Pruyne, B.A. | Newton, Mass. |
| * Oliver Boutwell Merrill, LL.B. | New York, N. Y. |
| * Preston Rogers Bassett, M.A., SC.D. | Great Neck, N. Y. |
| * Philip Hall Coombs, B.A. | Old Greenwich, Conn. |
| * Henry Harrison Fuller | Burlingame, Calif. |

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| | |
|---|---|
| James Alfred Guest, LL.B. | Amherst, Mass. |
| *Secretary of the Corporation* | |

TRUSTEES EMERITI †

| | |
|---|---|
| Robert Washburn Maynard, LL.B. | Boston, Mass. |
| Arthur Lee Kinsolving, D.D. | New York, N. Y. |
| Lewis Williams Douglas, LL.D. | Phoenix, Ariz. |

* The terms of the Alumni Trustees expire as follows: Kendall Bush DeBevoise, 1957; Lafayette Sumner Pruyne, 1958; Oliver Boutwell Merrill, 1959; Preston Rogers Bassett, 1960; Philip Hall Coombs, 1961; Henry Harrison Fuller, 1962.

† A life trustee who resigns shall be eligible for election by the Board of Trustees as trustee emeritus if in the opinion of the Board of Trustees he shall have rendered outstanding service to the College during his trusteeship. A trustee emeritus shall have all the privileges of a member of the Board except that of voting at the meetings of the Board. The trustees emeriti shall retain the processional order which they held at the time of their retirement. (Adopted by the Board of Trustees of Amherst College, January 17, 1943.)

## *Committees of the Corporation*

The Chairman of the Corporation and the President of the College are members, *ex officiis*, of all committees.

*Executive Committee:* Messrs. Bixler, DeBevoise, Ells, Kingman, McCloy (Chairman), Pratt, Rugg, Seligman, Smith.

*Finance Committee:* Messrs. Kingman (Chairman), Pratt, Pruyne, Rugg, Smith, Weathers.

*Budget Committee:* Messrs. Kingman, Plimpton, Pratt (Chairman), Pruyne, Smith, Weathers.

*Instruction Committee:* Messrs. Bassett, Bixler (Chairman), Boyden, Coombs, DeBevoise, Merrill, Plimpton, Seligman.

*Buildings and Grounds Committee:* Messrs. Bassett, Bixler, Boyden, DeBevoise, Kingman, Maynard †, Merrill, Pratt (Chairman), Pruyne, Smith, Weathers.

*Honorary Degrees Committee:* Messrs. Bixler, Boyden, Coombs, Ells, Kinsolving †, Merrill, Plimpton, Pruyne, Rugg (Chairman), Weathers.

*Folger Shakespeare Library Committee:* Messrs. Bixler, Fuller, Kinsolving †, Plimpton, Seligman (Chairman), Weathers.

*Joseph B. Eastman Foundation Committee:* Messrs. DeBevoise, Fuller, Kingman, Rugg (Chairman), Seligman.

*Committee on Fraternities:* Messrs. Bassett, DeBevoise (Chairman), Ells, Fuller, Merrill, Pruyne, Rugg.

*Merrill Center for Economics Committee:* Messrs. Coombs, Douglas †, Fuller, Plimpton, Pratt, Seligman, Smith (Chairman), Weathers.

† *Trustee Emeritus.*

# Officers of Administration

CHARLES WOOLSEY COLE, PH.D., L.H.D., SC.D., LITT.D., LL.D. — *President*

---

CHARLES SCOTT PORTER, M.A. — *Dean*
EUGENE SMITH WILSON, B.A. — *Dean of Freshmen and Director of Admission*
THEODORE SPAULDING BACON, JR., B.A. — *Associate Dean*
JOHN CUSHING ESTY, JR., M.A. — *Assistant Dean and Assistant Director of Admission*
ROBERT FREEMAN GROSE, PH.D. — *Registrar*

---

PAUL DYESS WEATHERS, M.B.A. — *Treasurer*
MINOT GROSE, B.A. — *Assistant to the Treasurer*
HERBERT GALE JOHNSON, B.A. — *Comptroller*
GEORGE BURNHAM MAY, B.A. — *Assistant to the Comptroller*
ROBERT HERMAN HEIDRICH, A.E.E., P.E. — *Superintendent of Buildings and Grounds*
GORDON BENJAMIN BRIDGES, M.A. — *Director of Dining Halls and Director of Personnel*

---

THAYER AINSWORTH GREENE, B.D. — *Chaplain*

---

ALLISON WILSON MARSH, M.ED. — *Chairman of the Department of Physical Education and Intercollegiate Athletics*
ELLSWORTH ELLIOTT RICHARDSON, M.A — *Director of Freshman Physical Education and Athletics*

---

STEPHEN BROWN, M.D. — *College Physician*
OSCAR DONALD CHRISMAN, M.D. — *Associate College Physician*
GORDON DAVIES ARNOLD, M.D. — *Assistant College Physician*
MARY MARGARET BARKOWSKI, R.N. — *Supervisor of Student Health Office*
HASKELL ROBERT COPLIN, PH.D. — *Student Counselor*

---

JAMES ALFRED GUEST, LL.B. — *Secretary of the Alumni Council*
JOHN CUSHING ESTY, B.A. — *Assistant to the Secretary of the Alumni Council*
ARTHUR DAVENPORT, B.A. — *Fraternity Business Manager and Business Advisor to Student Activities*
JAMES GERALD HARVEY, B.A. — *Assistant to the Director of Admission on the Mayo-Smith Teaching Grant*
HORACE WILSON HEWLETT, M.A. — *Director of Public Relations*
PETER SCHRAG, B.A. — *Assistant to the Director of Public Relations*
JOHN CLEMENT SCHULER, MUS.D. — *Director of the Band*

# Faculty

CHARLES WOOLSEY COLE, PH.D., L.H.D., SC.D., LITT.D., LL.D.
*President of the College*

CHARLES SCOTT PORTER, M.A. — *Dean of the College*

EUGENE SMITH WILSON, B.A. — *Dean of Freshmen and Director of Admission*

THEODORE SPAULDING BACON, JR., B.A. — *Associate Dean*

JOHN CUSHING ESTY, JR., M.A. — *Assistant Dean and Assistant Director of Admission*

---

*The Faculty Is Arranged Alphabetically in Rank*

ARTHUR HENRY BAXTER, PH.D. — *Professor of Romance Languages, Emeritus*

GEORGE ROY ELLIOTT, PH.D., LITT.D.
*Professor of English on the Henry C. Folger Foundation, Emeritus*

THOMAS CUSHING ESTY, LL.D. — *Walker Professor of Mathematics, Emeritus*

FRANCIS HOWARD FOBES, PH.D., LL.D. *Class of 1880 Professor of Greek, Emeritus*

WARREN KIMBALL GREEN, PH.D. — *Professor of Astronomy, Emeritus*

MICHAEL JOSEPH KENNEDY *Associate Professor of Physical Education, Emeritus*

STERLING POWER LAMPRECHT, PH.D.
*Professor of Philosophy on the Emily C. Jordan Folger Foundation*

OTTO MANTHEY-ZORN, PH.D.
*Professor of German on the Emily C. Jordan Folger Foundation, Emeritus*

WILLIAM JESSE NEWLIN, M.A. *Professor of Philosophy and Mathematics, Emeritus*

WILLIAM TINGLE ROWLAND, PH.D. — *Professor of Latin, Emeritus*

CHARLES HANSEN TOLL, PH.D. *Professor of Philosophy and Psychology, Emeritus*

RALPH COPLESTONE WILLIAMS, PH.D. — *Professor of French, Emeritus*

---

ROBERT FROST, L.H.D., LITT.D. — *Simpson Lecturer in Literature*

ARNOLD BORIS ARONS, PH.D. — *Professor of Physics*

GEOFFROY ATKINSON, PH.D.
*Professor of Romance Languages on the Eliza J. Clark Folger Foundation*

GEORGE WILLIAM BAIN, PH.D.
*Samuel A. Hitchcock Professor of Mineralogy and Geology*

THEODORE BAIRD, PH.D. — *Samuel Williston Professor of English*

CESAR LOMBARDI BARBER, M.A. — *Professor of English*

RALPH ALONZO BEEBE, PH.D. — *Massachusetts Professor of Chemistry*

ROBERT HERMANN BREUSCH, PH.D. — *Professor of Mathematics*

BAILEY LEFEVRE BROWN, M.A. — *Professor of Mathematics*

STEPHEN BROWN, M.D.
*College Physician and Parmly Billings Professor of Hygiene*

HENRY STEELE COMMAGER, PH.D.
*Amherst College Professor of American History and American Studies*

† GEORGE ARMOUR CRAIG, PH.D. — *Professor of English*

† Leave first semester.

PAUL WITHERSPOON ECKLEY, M.A. — *Professor of Physical Education*
REGINALD FOSTER FRENCH, PH.D. — *Professor of Romance Languages*
* GEORGE BANKS FUNNELL, M.A. — *Professor of French*
STEWART LEE GARRISON, M.A. — *Professor of English and Public Speaking*
DAVID CALDWELL GRAHAME, PH.D. — *Professor of Chemistry*
ALFRED FREEMAN HAVIGHURST, PH.D. — *Professor of History*
ROGER WELLINGTON HOLMES, PH.D. — *Visiting Professor of Cryptography*
ALFRED KAZIN, M.A. — *Professor of American Studies*
GAIL KENNEDY, PH.D. — *Professor of Philosophy on the Henry C. Folger Foundation*
GEORGE WALLACE KIDDER, PH.D., SC.D. — *Stone Professor of Biology*
THEODORE KOESTER, PH.D. — *Professor of Psychology*
* EARL LATHAM, PH.D. — *Joseph B. Eastman Professor of Political Science*
‡ KARL LOEWENSTEIN, D.C.L. — *William Nelson Cromwell Professor of Jurisprudence and Political Science*
ALBERT ERNEST LUMLEY, M.A. — *Professor of Physical Education*
ALLISON WILSON MARSH, M.ED. — *Professor of Hygiene and Physical Education and Director of the Gymnasium*
JAMES ALFRED MARTIN, JR., PH.D. — *Marquand and Stone Professor of Religion*
DONALD COPE MCKAY, PH.D. — *Professor of History*
NEWTON FELCH MCKEON, B.A. — *Professor of English and Dir. of Converse Memorial Library*
JOHN JACKSON MCLAUGHRY, M.A. — *Professor of Physical Education*
HENRY GEORGE MISHKIN, PH.D. — *Professor of Music*
CHARLES HILL MORGAN, PH.D. — *Professor of Fine Arts on William R. Mead Foundation*
VINCENT MORGAN, MUS.M. — *Professor of Music*
JAMES RODNEY NELSON, PH.D. — *Charles E. Merrill Professor of Economics*
HAROLD HENRY PLOUGH, PH.D. — *Edward S. Harkness Professor of Biology*
ELLSWORTH ELLIOTT RICHARDSON, M.A. — *Professor of Physical Education and Director of Freshman Education and Athletics*
STANLEY CURTIS ROSS, B.A., LL.D. — *Visiting Professor of Economics*
EDWIN CHARLES ROZWENC, PH.D. — *Dwight W. Morrow Professor of American History*
‡ EDWARD DWIGHT SALMON, PH.D. — *Winkley Professor of History*
‡ ANTHONY SCENNA, PH.D. — *Professor of German*
OSCAR EMILE SCHOTTE, SC.D. — *Rufus Tyler Lincoln Professor of Biology*
THEODORE SOLLER, PH.D. — *Professor of Physics*
ATHERTON HALL SPRAGUE, PH.D. — *Professor of Mathematics*
GEORGE ROGERS TAYLOR, PH.D. — *George D. Olds Professor of Economics*

‡ Leave second semester.
* Leave full year.

WILLARD LONG THORP, PH.D., LL.D.
*Professor of Economics and Director Merrill Center of Economics*
FREDERICK KING TURGEON, PH.D. — *Professor of French*
‡ COLSTON ESTEY WARNE, PH.D. — *Professor of Economics*
ROBERT BYRON WHITNEY, PH.D. — *George H. Corey Professor of Chemistry*
ALBERT ELMER WOOD, PH.D. — *Professor of Biology*
BENJAMIN MUNN ZIEGLER, LL.B., PH.D.
*Bertram Snell Professor of Political Science*
BRUCE BUZZELL BENSON, PH.D. — *Associate Professor of Physics*
O. DONALD CHRISMAN, M.D. — *Associate College Physician*
WENDELL VERNON CLAUSEN, PH.D. — *Associate Professor of Classics*
HASKELL ROBERT COPLIN, PH.D.
*Associate Professor of Psychology and Student Counselor*
JOSEPH EPSTEIN, PH.D. — *Associate Professor of Philosophy*
WILLIAM WALKER GIBSON, JR., M.A. — *Associate Professor of English*
*MARSHALL C. HOWARD, PH.D. — *Visiting Associate Professor of Economics*
ERNEST ALFRED JOHNSON, PH.D. — *Associate Professor of Romance Languages*
WILLIAM ELMER KENNICK, PH.D. — *Associate Professor of Philosophy*
MANFORD VAUGHN KERN, M.A. — *Associate Professor of Classics*
ALBERT PAUL LINNELL, PH.D. — *Associate Professor of Astronomy*
BENJAMIN FRANKLIN MCCABE, M.A.
*Associate Professor of Physical Education*
RALPH CLELAND MCGOUN, JR., M.A. — *Associate Professor of Dramatic Arts*
JOHN ANDREW MOORE, M.A. — *John C. Newton Associate Professor of Classics*
JAMES NICOL, PH.D. — *Associate Professor of Physics*
MURRAY BISBEE PEPPARD, PH.D. — *Associate Professor of German*
EDWIN BURR PETTET, PH.D. — *Stanley King Associate Professor of Dramatic Arts and Kirby Memorial Theater Director*
CHARLES ENSIGN ROGERS, M.A.
*Associate Professor of Fine Arts and Dramatic Arts*
STEVEN MARTIN ROSTAS, M.ED. — *Associate Professor of Physical Education*
HAROLD G. VATTER, PH.D. — *Visiting Associate Professor of Economics*
RICHARD EUGENE WILSON, M.ED. — *Associate Professor of Physical Education*
LUTHER A. ALLEN, PH.D. — *Visiting Assistant Professor of Political Science*
ROBERT CHARLES BIRNEY, PH.D. — *Assistant Professor of Psychology*
KENDALL A. BIRR, PH.D. — *Assistant Professor of American Studies*
GERALD PATRICK BROPHY, PH.D. — *Assistant Professor of Geology*
OTIS CARY, M.A. — *Assistant Professor of Japanese Civilization*
ARNOLD PETER COLLERY, B.A. — *Assistant Professor of Economics*
CYCLONE COVEY, PH.D. — *Assistant Professor of American Studies*
WILLIAM HUMISTON DARR, B.A. — *Assistant Professor of Fine Arts*
BENJAMIN HAILE DEMOTT, PH.D. — *Assistant Professor of English*
RICHARD MATEER DOUGLAS, PH.D. — *Assistant Professor of History*

‡ Leave Second semester.
* Second Semester

HENRY FREDERICK DUNBAR, JR., PH.D.
*Assistant Professor of Physical Education*
JOHN FRANCIS ELLIS, PH.D. — *Assistant Professor of Biology*
RICHARD FRANCIS FENNO, JR., PH.D. — *Assistant Professor of Political Science*
THOMAS FAUSS GOULD, PH.D. — *Assistant Professor of Classics*
RICHARD MERRILL GOWEN, A.B. — *Assistant Professor of Physical Education*
THEODORE PHINNEY GREENE, M.A. — *Assistant Professor of History*
ROBERT FREEMAN GROSE, PH.D.
*Assistant Professor of Psychology and Registrar*
JOHN BURT HALSTED, PH.D. — *Assistant Professor of History*
WILLIAM MICHAEL HEXTER, PH.D. — *Assistant Professor of Biology*
FRANCIS THOMAS JUSTER, B.S. — *Assistant Professor of Economics*
CHARLES WILLIAM LUDINGTON, M.F.A. — *Assistant Professor of Music*
MICHAEL MULLIN ROBISON, PH.D. — *Assistant Professor of Chemistry*
PAUL SAMUEL SANDERS, TH.D. — *Assistant Professor of Religion*
EARLE STANLEY SCOTT, PH.D. — *Assistant Professor of Chemistry*
HENRY LEE TAPP, PH.D. — *Assistant Professor of German*
DUDLEY HERBERT TOWNE, PH.D. — *Assistant Professor of Physics*
FRANK ANDERSON TRAPP, PH.D. — *Assistant Professor of Fine Arts*
ALFRED BURTON WILLCOX, PH.D. — *Assistant Professor of Mathematics*
HENRY THOMAS YOST, JR., PH.D. — *Assistant Professor of Biology*
RUFUS TAPPEN BELLAMY, M.A. — *Instructor in English*
JONATHAN PEALE BISHOP, PH.D. — *Instructor in English*
*JOHN FRANCIS BUTLER, M.A. — *Instructor in English*
HARRY KETCHUM CAMPNEY, M.S. — *Instructor in Physical Education*
WILLIAM SORENSON CASSELLS, M.A.
*Instructor in Economics and American Studies*
JOHN ESTY, JR., M.A. — *Instructor in Mathematics*
NORTON GARFINKLE, B.A. — *Instructor in American Studies*
ELMO GIORDANETTI, M.A. — *Instructor in Romance Languages*
THAYER AINSWORTH GREENE, B.D. — *Chaplain*
DOUGLAS WEIR HALL, M.A. — *Instructor in Mathematics*
C. VAN RENSSELAER HALSEY, PH.D.
*Instructor in Economics and American Studies*
WILLIAM WEBSTER HEATH, PH.D. — *Instructor in English*
CHARLES F. HOFMANN, B.A. — *Instructor in French*
DONALD JOSEPH HOGAN, M.A. — *Instructor in English*
ROBERT MAYNARD JORDAN, PH.D. — *Instructor in English*
IVAN TRACY KAUFMAN, M.A. — *Assistant Chaplain*
DAVID SHEPHERD KING, B.A. — *Assistant Chaplain*
DAVID IRWIN KULSTEIN, PH.D. — *Instructor in History*
RICHARD ALFRED MAZZARA, M.A. — *Instructor in Spanish*

* *Leave full year.*

| | |
|---|---|
| Sidney Monas, ph.d. | *Instructor in History* |
| Donald Carl Moser, m.a. | *Instructor in Psychology* |
| Francis Ballard Randall, m.a. | *Instructor in History* |
| Carter Curtis Revard, b.a. | *Instructor in English* |
| Thomas Gregory Robischon, ph.d. | *Instructor in Philosophy and Humanities* |
| Robert Horton Romer, ph.d. | *Instructor in Physics* |
| Robert Myron Rosenzweig, m.a. | *Instructor in Political Science* |
| Richard Henderson Russell, m.a. | *Instructor in History* |
| Walter Alfred Sedelow, Jr., m.a. | *Instructor in History* |
| *Richard G. Van Petersilge | *Assistant to the Chairman of the Department of Physical Education and Intercollegiate Athletics* |
| Gregory Worthington Webb, ph.d. | *Instructor in Geology* |
| Laurence Edward Wilson, b.a. | *Instructor in Chemistry* |

## Associate

| | |
|---|---|
| Philip Truman Ives, ph.d. | *Research Associate in Biology* |

## Assistants

| | |
|---|---|
| Jean Michel Beigbeder | *Romance Languages* |
| Craig Black | *Biology* |
| Betty Bruening | *Biology* |
| Kate D. Breusch | *German* |
| Birendra Nath Dutta | *Biology* |
| Alain M. Fourniols | *Romance Languages* |
| Thomas V. Garth | *Physics* |
| Alvaro M. Hernandez | *Romance Languages* |
| Arthur C. Holstrom | *Physics* |
| Edith Kulstein | *Romance Languages* |
| Charles Moleins | *Romance Languages* |
| Hartmut Rahn | *German* |
| John J. Sommers | *Dramatic Arts* |
| Yves Marc Tommy-Martin | *Romance Languages* |
| Heinz B. Wewer | *German* |
| Fred W. Weyter | *Biology* |
| Julio Edgar Zavala | *Romance Languages* |

## *Faculty Committees*

*Committee of Six:* President Cole (Chairman, *ex officio*), Dean Porter (Secretary, *ex officio*), Professors Barber, Beebe, Kennedy, Rozwenc, and Taylor.

*Committee on Educational Policy:* Professors Breusch, Martin (Chairman), Mishkin, Salmon, and Towne (Secretary).

* *Leave full year.*

*Fellowship Committee:* President COLE (Chairman), Dean PORTER (Secretary), Professors BAIRD, NELSON, WHITNEY, and ZIEGLER.

*Committee on Admission and Scholarships:* President COLE (Chairman), Dean WILSON (Secretary), Dean BACON, Dean ESTY, Dean PORTER, and Professors HAVIGHURST and GROSE.

*Committee on Intercollegiate Athletics:* President COLE (Chairman), Dean PORTER (Secretary), Professors ECKLEY, LUMLEY, MCLAUGHRY, MARSH, NELSON, RICHARDSON, WILSON, Doctor BROWN, and DONALD B. HANSON, Pres. of the Student Council.

*Lecture Committee:* Professors BENSON (Chairman), CLAUSEN, MARTIN and NELSON.

*Library Committee:* Professors MCKEON (Chairman), BENSON, CLAUSEN, JOHNSON, KENNEDY, LINNELL, and MARTIN.

## Fellows

ALEXANDER CONSTANTINE ANGELIDES, '56 — Cornell
*John Woodruff Simpson Fellow in Medicine*

DAVID SCOTT BEEBE, '56 — Rochester
*John Woodruff Simpson Fellow in Medicine*

CRAIG CALL BLACK, '54 — Amherst and Harvard
*The Rufus B. Kellogg University Fellow in Vertebrate Fossils*

JAMES CLARK BLACKBURN, '56 — The Protestant Episcopal Seminary in Virginia
*Amherst Memorial Fellow in Theology*

DONALD PHILIP BUEBENDORF, '56 — Yale
*John Woodruff Simpson Fellow in Medicine*

JOHN FRANCIS BUTLER, '49 — Brown
*Amherst Memorial Fellow in English*

ALLAN LINCOLN DAMON, '56 — Yale
*Amherst Memorial Fellow in Theology*

WILLIAM BERNARD DUFFY, JR., '55 — Harvard
*John Woodruff Simpson Fellow in Law*

NED WOLFE EDWARDS, '56 — Edinburgh
*Amherst Memorial Fellow in Theology*

KENNETH ROBERT EISOLD, '56 — Columbia
*James Ingram Merrill Fellow in English*

WILLIAM CHARLES FISH, '56 — Yale
*Amherst Memorial Fellow in Theology*

CHARLES BRUCE HOCHMAN, '56 — Harvard
*John Woodruff Simpson Fellow in Law*

ROBERT ROSS HOLLOWAY, '56 — University of Pennsylvania
*George A. Plimpton Fellow in Archaeology*

ROLAND GILBERT KALLEN, '56 — Columbia
*John Woodruff Simpson Fellow in Medicine*

SUSUMU KAWANISHI, '56 — Brown
*Amherst Memorial Fellow in English*

EUGENE MARCUS KLEINER, '56 — Columbia
*Roswell Dwight Hitchcock Memorial Fellow in Modern History*

CHARLES NELSON LEACH, JR., '56 — Columbia
*John Woodruff Simpson Fellow in Medicine*

ARTHUR ALLEN LEFF, '56 — Harvard
*John Woodruff Simpson Fellow in Law*

JOSEPH J. MOLDENHAUER, '56 — Columbia
*Amherst Memorial Fellow in English*
*Henry P. Field Fellow in English*

ABE JOSEPH MOSES, '55 — Johns Hopkins
*Amherst Memorial Fellow in International Affairs*

VAN DOORN OOMS, '56 — Oxford
*George A. Plimpton Fellow in Politics, Philosophy and Economics*

FLORIAN PETER SABEY, '56 — Union Theological
*Amherst Memorial Fellow in Theology*

WALTER ALFRED SEDELOW, JR., '47 — Harvard
*Amherst Memorial Fellow in History*
*Henry P. Field Fellow in History*

JOSEPH LYONS SNIDER, '56 — Princeton
*John Woodruff Simpson Fellow in Physics*

ALFRED SOMAN, '56 — Oxford
*George A. Plimpton Fellow in Modern History*

THOMAS A. SPENCER, JR., '56 — Wisconsin
*George A. Plimpton Fellow in Chemistry*

MAYNARD WILLIAM SWANSON, '52 — Harvard
*Amherst Memorial Fellow in History*

WILLIAM LAWRENCE VELTON, '56 — Union Theological Seminary
*John Woodruff Simpson Fellow in Theology*

ROBIN WHITNEY WALLER, '56 — University of Connecticut
*Forris Jewett Moore Fellow in History*

## Amherst College Library

NEWTON FELCH MCKEON, JR., B.A. — *Director*

KATHERINE CONOVER COWLES, B.A. — *Chief Cataloguer*
EBENEZER PORTER DICKINSON — *Reference Librarian*
RUTH MARIE ERIT, B.A. — *Order Librarian*
GLADYS JONES MACK, B.A., B.L.S. — *Head of Circulation*

## The Pratt Museum of Geology

| | |
|---|---|
| George William Bain, ph.d. | *Curator* |
| Albert Elmer Wood, ph.d. | *Associate Curator* |
| Gerald Patrick Brophy, ph.d. | *Associate Curator* |
| Gregory Worthington Webb, ph.d. | *Associate Curator* |
| Raymond Emil Schortmann | *Associate Curator* |

## Snell Museum of Physics

| | |
|---|---|
| Theodore Soller, ph.d. | *Director* |

## Edward Hitchcock Memorial Room

| | |
|---|---|
| Rena Mary Durkan | *Curator* |

## Amherst College Wildlife Sanctuary

| | |
|---|---|
| Walter Charles Markert, b.s. | *Director* |

## Mead Art Building

| | |
|---|---|
| Charles Hill Morgan, ph.d. | *Director* |
| Charles Ensign Rogers, m.a. | *Assistant Director* |
| Margaret Cecilia Toole, b.a. | *Assistant Curator of Painting* |

### ADVISORY COMMITTEE ON ACQUISITIONS

Louisa Dresser, b.a. — Worcester, Mass.
*Curator, Worcester Art Museum*

Charles Hill Morgan, ph.d. — Amherst, Mass.
*Professor of Fine Arts on the William R. Mead Foundation*

Charles Henry Sawyer, l.h.d. — New Haven, Conn.
*Dean of the School of Fine Arts, Yale University*

James Kellum Smith, l.h.d. — New York, N. Y.
*President of the American Academy in Rome*

Francis Henry Taylor, l.h.d. — New York, N. Y.
*Director of the Worcester Art Museum*

Charles Woolsey Cole, ph.d., l.h.d., sc.d., litt.d., ll.d. — Amherst, Mass.
*President of the College, ex officio*

## Kirby Memorial Theater

| | |
|---|---|
| Edwin Burr Pettet, ph.d. | *Director* |
| Charles Ensign Rogers, m.a. | *Designer* |
| Ralph Cleland McGoun, Jr., m.a. | *Technical Director* |
| Thomas Myron Brennan, m.a. | *Designer* |

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## Advisor on Charitable Fund Awards

Frank Learoyd Boyden, Sc.d., Pd.d., Litt.d., l.h.d., ll.d.
Deerfield, Mass.

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## Religious Advisers

| | |
|---|---|
| Rev. David J. Power | *Religious Adviser to Catholic Students* |
| Rabbi Louis Ruchames | *Religious Adviser to Jewish Students* |

# Amherst College

Amherst College is located in the center of Amherst, Massachusetts — a rural community of some 8,500 residents situated in the lovely and fertile Connecticut River Valley of Western Massachusetts. The countryside is given over largely to dairying and farming in which tobacco, potatoes, and onions dominate the economy. It is also a cultural area for at the northern end of the town is the University of Massachusetts and within a few miles are Smith College, at Northampton, and Mount Holyoke College, at South Hadley.

The town is an offshoot of Hadley which it adjoins to the west and which, in turn, was a subdivision of Northampton, settled in 1654 by pioneers pushing north along the Connecticut River from Windsor and Springfield. Though Hadley was established by 1659, there is no evidence of permanent settlement in its "Third Precinct" — later to be named Amherst — until 1731; in that year eighteen families are known to have built their homes along this then remote frontier.

Settlement in those early days was indeed hazardous, for in the late seventeenth century came the most harrowing Indian conflicts in New England's history known as King Philip's War. Colonies fell back on one another as outpost after outpost was obliterated — including the well known massacres in 1675 at Deerfield and Bloody Brook a few miles to the north. Hadley itself was beset the following spring.

Upon King Philip's assassination in 1676 peace returned — but not for long. In 1688, in alliance with and goaded by the French, Indians again fell upon isolated communities of the valley and continued their bloody forays for many years.

Settlement of the Third Precinct was sufficient by 1759, however, for the Massachusetts General Court to grant the community's petition that it become "a separate and distinct district" named for Sir Jeffery Amherst "in token of our regard for the worthy knight and of our own admirable friendship for same."

A year after the town's founding General Amherst achieved his greatest triumph when, in concert with Wolfe's recovery of Quebec, he captured the series of frontier posts at Ticonderoga, Crown Point, Oswego, and Fort Niagara, and then effected the surrender of Montreal. Capitulation of these two centers brought an end to French activity in America and hastened an end to the French and Indian War.

Amherst College was founded in 1821 by residents of the town of Amherst and of the embracing valley "for the Classical Education of indigent young men of piety and talents for the Christian ministry." No single man was responsible for its birth, for it sprang from community interest and enterprise. A handful of devoted men, to be sure, inspired

and led the movement to establish a "Collegiate Institution at Amherst," best known of whom was Noah Webster, the lexicographer; but the College is named for the town that made it possible, rather than for Lord Jeffery Amherst from whom the town took its name.

Actually, the founders of the College established a dual organization which continued for over a hundred years: Amherst College, administered by a Board of Trustees, and the Charity Fund, under a Board of Overseers. The latter, formed in 1818 (thus antedating the College by three years), had assets of $50,000 in promissory notes from two hundred and seventy-five subscribers when South College, the campus' first building, was completed in 1821. This then represented the College's only endowment and so continued for many years. In its charter was the provision that of its income five-sixths should be used as scholarship aid for students preparing for the ministry, and one-sixth should be added each year to the principal.

Similarly, South College arose on donated land and was built largely by labor, materials, and provisions contributed by friends in the town and countryside. When constructed, its bills unpaid and unprovided for totaled less than $1,300.

Zephaniah Swift Moore, then president of Williams College, answered the Trustees' call to become Amherst's first president, and over the Berkshires with him came several members of his faculty and student body. The first class was composed of forty-seven students, for the most part from New England. Two years later North College was completed, and in 1827, between these first two buildings, Johnson Chapel, thus forming College Row.

Since 1821 Amherst has grown considerably but remains an independent, gift-supported college. Approximately 1050 students are now enrolled; the faculty has nearly one hundred and twenty members; college property consists of four hundred and five acres; buildings — exclusive of college-owned faculty residences and independently owned fraternities—number forty-one; endowment exceeds $20,000,000; there are over 9,000 living alumni and non-graduates.

College buildings now include the chapel, auditorium, library, dormitories, classrooms, laboratories (in biology, chemistry, geology, and physics), natural history museum, art center, observatory, central dining hall, physical education units, theater, infirmary, music building, and maintenance group.

The Folger Shakespeare Memorial Library in Washington, D. C., and the Merrill Center for Economics at Southampton, Long Island, N. Y., are also administered by the College's Board of Trustees.

Today's students come from most of the United States: about half reside in the Middle Atlantic area, a quarter in New England, a fifth in

the Middle West, and the remainder in the rest of the country and abroad. The proportion of those who prepared for college in public and private schools is about equal. Nearly a quarter of the undergraduates receive scholarship aid from the income of funds amounting to over $1,700,000. Unlike the College's early days when most of its students prepared for the Christian ministry, about half its recent graduates have continued their studies in graduate or professional schools and half have entered business.

Amherst's courses are confined to the liberal arts and sciences and lead only to the bachelor of arts degree; no vocational or specialized studies are offered. In 1947 a general curriculum was adopted (outlined on pages 43–47) under which all students follow a prescribed program of studies during the first two years, and major or take honors work during the last two years in area or departmental studies.

The College's corporate name is "The Trustees of Amherst College." Its general government is vested in this Board, eighteen in number, of whom the President and the Treasurer of the College are members *ex officiis*, ten are elected by Trustee vote without limit of term, and six are elected by graduates of the College for terms of six years each. The President is charged with the general administration of the College. Subject to the Trustees' reserved authority, educational policy and rules of conduct are determined by the Faculty.

A list of the Presidents of the College, with their terms of service, follows:

| | |
|---|---|
| Rev. Zephaniah Swift Moore, d.d. | 1821–1823 |
| Rev. Herman Humphrey, d.d. | 1823–1845 |
| Rev. Edward Hitchcock, d.d., ll.d. | 1845–1854 |
| Rev. William Augustus Stearns, d.d., ll.d. | 1854–1876 |
| Rev. Julius Hawley Seelye, d.d., ll.d. | 1876–1890 |
| Merrill Edwards Gates, ph.d., ll.d., l.h.d. | 1890–1899 |
| Rev. George Harris, d.d., ll.d. | 1899–1912 |
| Alexander Meiklejohn, ph.d., ll.d. | 1912–1924 |
| George Daniel Olds, ll.d. | 1924–1927 |
| Arthur Stanley Pease, ph.d., ll.d. | 1927–1932 |
| Stanley King, ll.d. | 1932–1946 |
| Charles Wooley Cole, ph.d., l.h.d., sc.d., litt.d., ll.d. | 1946– |

# The Folger Shakespeare Library

By the will of the late Henry Clay Folger of the Class of 1879, there was bequeathed to the Trustees of Amherst College the Folger Shakespeare Memorial Library in Washington, D. C., together with an endowment for maintenance, later increased by the generosity of Mrs. Folger.

The building, located on East Capitol Street directly east of the Library of Congress, was erected at a cost of more than $2,000,000. Its endowment now stands at about $9,500,000, and its collections are valued at over $2,740,000. On the Library's main floor are: an Exhibition Gallery with displays of rare books, manuscripts, paintings, and miscellaneous curios and works of art; an Auditorium in the form of a reproduction of the interior of an Elizabethan playhouse; a large Reading Room, representing a Tudor Banqueting Hall and hung with early tapestries; four Vaults, containing the rarest portions of the collections; a Reception Room for social purposes; and Administration Offices. On the second floor are the working rooms of the Library's Accessions Department, the Catalogue Department, and offices for members of the staff. A Photographic Department is in the basement. Reading machines for microfilm are found in the stacks.

The Library concentrated its original collection largely upon the life, writings, and influence of William Shakespeare, but during the past two decades it has increased its rare books and manuscripts in related fields until today it has one of the largest collections in the world for the study of English history of the sixteenth and seventeenth centuries. Only the British Museum has a larger collection of early English books.

Under the plan of the Trustees of the College, in addition to maintaining its traditional interest in Shakespeare and English Renaissance literature, the Library will exploit other fields as well. Efforts will be made to expand it as an efficient laboratory of research and investigation. Aid and encouragement will be given literary and historical scholars capable of making the most significant use of the Library's great collection of source materials. It is further intended that the Library will develop the reference collections which scholars require for the efficient utilization of rare books and manuscripts.

Research facilities of the Library are not open to casual visitors, but permission to use them may be obtained by qualified scholars upon application to the Director. Interested individuals and groups are cordially invited to visit the FOLGER's public rooms.

## FOLGER LIBRARY OFFICERS

Louis Booker Wright, ph.d., litt.d., l.h.d., ll.d. — *Director*
James Gilmer McManaway, ph.d. — *Consultant in Literature and Bibliography*
Giles Edwin Dawson, ph.d. — *Curator of Books and Manuscripts*
Paul Shaner Dunkin, b.s.l.s., ph.d. — *Chief Cataloguer and Head of Technical Services*
Edwin Elliott Willoughby ph.d., litt.d. — *Chief Bibliographer*
Eleanor Pitcher — *Assistant to the Director*
Virginia Freund — *Executive Secretary*

## TRUSTEE COMMITTEE

Eustace Seligman, ll.b., *Chairman*
Charles Woolsey Cole, ph.d., sc.d., l.h.d., litt.d., ll.d., *ex officio*
John Jay McCloy, ll.b., ll.d., *ex officio*
Julius Seelye Bixler, ph.d., d.d., l.h.d., ll.d., d.c.l.
Henry Harrison Fuller
Arthur Lee Kinsolving, d.d.
Francis Taylor Pearsons Plimpton, ll.b.
Paul Dyess Weathers, m.b.a.

# The Merrill Center for Economics

The Merrill Center for Economics is located at The Orchard, Southampton, New York. The Orchard was presented to Amherst College in 1951 by Charles E. Merrill, an alumnus of the Class of 1908. Each summer, the Center brings together experts in the field of economics to discuss some important economic problem. They live together at The Orchard and meet regularly around a conference table and, in addition, have less formal discussions in smaller groups. Attendance is by invitation only, and the conferees are drawn from education, business, and government, both from this country and abroad. Additional speakers are invited to discuss particular problems with the group.

The Orchard consists of a beautiful, spacious house and several additional buildings on its sixteen acres. The main house is particularly noted for its paneled music-room and main staircase. Together with the Annex, it can comfortably house about thirty persons. The houses are surrounded by extensive lawns and formal gardens. The library contains current economic periodicals and is supplemented each summer as necessary with books from the Amherst College Library.

The Merrill Center is administered by the Trustees of Amherst College. Dr. Willard L. Thorp, an alumnus of Amherst in the Class of 1920 and former Assistant Secretary of State for Economic Affairs, is director of the Center. Dr. Thorp is also Professor of Economics on the Amherst faculty.

## TRUSTEE COMMITTEE

Winthrop Hiram Smith, b.a., *Chairman*
Philip Hall Coombs, b.a.
Lewis Williams Douglas, ll.d. *
Henry Harrison Fuller
Francis Taylor Pearsons Plimpton, ll.b.
Richardson Pratt, b.a.
Eustace Seligman, ll.b.
Paul Dyess Weathers, m.b.a.

* Trustee Emeritus

# I

## *General Information*

# Admission

## General Statement

Admission to Amherst College is competitive. The College attempts to select for admission those applicants who seem best qualified to benefit from the opportunities offered by an Amherst education. The Committee on Admission, in judging the qualifications of applicants, pays particular attention to (1) academic performance in high school or independent school, (2) results of the College Entrance Examination Board Scholastic Aptitude and Achievement Tests, (3) the recommendation of the high school principal or headmaster, (4) evidence of a willingness to work, (5) the character, health, and extracurricular interests and achievements of the applicant. All freshmen admitted are candidates for the Bachelor of Arts degree.

## How and When To Apply for Admission

*Correspondence regarding admission to the freshman class should be addressed to the Director of Admission, Amherst College, Amherst, Massachusetts.* Each applicant for admission to the freshman class must file a formal application with the Director of Admission, preferably before March 1 of the year in which he expects to be admitted. Under certain circumstances, later applications will be considered. The formal application should be accompanied by a check or money order for $5.00 made payable to *The Trustees of Amherst College.* This application fee will not be refunded if the student withdraws his application or if his application is not acted upon favorably.

A preliminary application may be filed at any time prior to the applicant's senior year. Once this preliminary application has been filed and acknowledged, the College assumes the responsibility of forwarding all formal application forms at the proper time. No priority is given to early applications.

Entering students are admitted only at the beginning of the regular college year in September.

Scholarship applicants should refer to pages 37–42.

## Interview Hours—Admission Office

The Admission Office is open on weekdays from 8:30 a.m. until 12:30 p.m. and 2:00 p.m. until 4:00 p.m. and on Saturdays from 8:30 a.m. until

12:30 p.m., but through the summer months and until Labor Day, the Admission Office (and all administrative offices) will be closed on Saturdays. Where possible, applicants for admission are advised to visit the College and discuss their educational plans with an Admission Officer. Interviews are not required, however. It is advisable to write for an appointment with an Admission Officer if you plan to visit the College.

### Recommended Preparation

The following minimum program of studies is recommended for students planning to enter Amherst College:

| | |
|---|---|
| English | 4 years |
| Mathematics | 3 years |
| Foreign Language | 2 years or, if possible, 3 years of one |
| History | 1 year |
| Laboratory Science | 1 year |

It should be noted that the College stresses sound preparation in certain subjects which are important implements for the many branches of college work. English, mathematics, and foreign language (ancient or modern or both) are the subjects in which entering students should show proficiency.

Students with particular interests may wish to modify the suggested program by taking more work in certain subjects and less in others. Such modification is wholly acceptable, provided there is evidence of adequate preparation in the basic fields of English, mathematics, and foreign language. Any deviation should be discussed in advance with the Director of Admission.

### Scholastic Aptitude and Achievement Tests

All applicants for admission are required to take the Scholastic Aptitude and three achievement tests. Applicants are urged to take the January aptitude tests, but may take the March tests. Achievement tests should be taken in March of senior year. Applicants should register for these examinations as soon as possible with the Secretary of the College Board, Box 592, Princeton, New Jersey. Students living in Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming, Alaska, Hawaii or Australia should register with the Secretary of the College Board, Box 9896, Los Feliz Station, Los Angeles 27, California. Veterans are exempted from these tests if their location and service make examinations impossible.

Achievement tests in March of Senior year should include English, and the tests in language and mathematics if these subjects are being studied in *Senior year. Applicants who wish to deviate from this program should consult the Director of Admission.*

Students who graduate at mid-year time should take all tests in December or January of Senior year.

### Regents Examinations

Applicants from the New York State public schools are expected to submit scores made on the Regents Examination in addition to the Scholastic Aptitude and Achievement Tests given by the College Entrance Examination Board.

### Admission from Other Colleges or Institutions of Collegiate Rank

*Correspondence concerning admission of transfers should be addressed to C. Scott Porter, Dean.*

To be eligible for transfer the candidate must meet the following requirements:

1. His credits must satisfy the full entrance requirements of Amherst College.
2. He must have completed creditably the work of at least one year in an institution of collegiate rank, and his general average at the institution he is leaving must correspond to or be better than the Amherst diploma average of seventy per cent.
3. He must present a statement of honorable dismissal.

Candidates for admission by transfer are admitted in September only.

Candidates should not e that, in general, only students with a "B" average or better will be accepted for admission as transfers, and should further note that not more than ten transfers will be admitted to Amherst in September of 1956.

### Special Booklet

A descriptive booklet entitled *This Is Amherst* may be had upon application to the *Director of Admission.*

### Cooperative Engineering-Science Program with Massachusetts Institute of Technology

In order to facilitate the combination of a liberal arts course with education in science and engineering, Amherst College has entered into a

cooperative arrangement with the Massachusetts Institute of Technology. Under this arrangement, and by properly planning his studies, a student of high standing may pursue a combined five years' program in which the first three years are spent at Amherst College and the last two at the Institute, leading to the degree of Bachelor of Arts from the College and to that of Bachelor of Science from the Institute upon completion of the combined course.

# Administration

## Terms and Vacations

The college year 1956–1957 includes two regular semesters of sixteen weeks each. In the fall semester there is a Thanksgiving recess of approximately five days, and a Christmas vacation of two weeks; and in the spring semester, a vacation of two weeks.

## Attendance at College Exercises

*The officer in general charge of matters concerning attendance at college exercises is the Dean of the College.*

Students are expected to attend classes regularly and promptly. Attendance at all laboratory periods is required. First-term freshmen and students on probation are allowed no unexcused absences from class or laboratory periods. Each student, unless he is on the Dean's List, must attend his last class before and his first class after the Thanksgiving, Christmas and Spring recesses. At the beginning of the semester each instructor will state his policy with regard to absences in his course, and thereafter he will report to the Dean's Office the name of any student who violates the regulations which the instructor has set up for his own course. In such cases the Dean's Office will take appropriate action which may include a reduction in his credit hours or he may be dropped from the course.

Absences for certain recognized reasons are normally excused. Considerable discretion should be used with regard to unexcused absences, since such absences, even if not excessive, tend to reduce the effectiveness (or value) of the course. The responsibility for any work missed because of an absence rests entirely upon the student.

All official college vacations and holidays are announced on the College Calendar appearing on page 5 of this catalog.

Morning chapel services are conducted Monday, Tuesday, Thursday and Friday mornings. All students are required to attend one-half of the chapel services each week.

## Student Discipline

*The officer in general charge of student discipline and conduct is the Dean of the College.*

Conduct befitting a gentleman is expected at all times of students at Amherst College. It is assumed that undergraduates will understand what constitutes gentlemanly conduct without specific regulations forbidding particular actions.

The College reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable, and without as-

signing any further reason therefor; in such cases fees will not be refunded or remitted, in whole or in part, and neither the College nor any of its officers shall be under any liability whatsoever for such exclusion.

### Records and Reports

*The officer in charge of records and reports is the Registrar of the College.*

Reports of standing are sent to parents or guardians at the end of each term. Rank in each subject is reported as follows:

A, 90–100%; B, 80–89%; C, 70–79%; D, 60–69%; E, 50–59%; F, below 50%. The passing grade in each individual course is 60%, and an overall average of at least 70% is required for a degree.

### Rooms and Board

All students, unless specifically excused by the Dean, are required to live either in the dormitories of the College or in fraternity houses. Dormitory rooms are equipped with bed, mattress, pillow, chiffonier, desk, chairs, and bookcase or shelves. Occupants furnish their own blankets, linen, and towels, and may provide extra furnishings if they wish, such as rugs, curtains, lamps, etc. Room assignments are noted on the invoice from the Comptroller's Office.

All students are required to eat in Valentine Hall unless excused by the Dean. There are no rebates for absence from meals for any reason.

### Health and Physical Development

*The officer having general supervision of student health and physical development is the College Physician.*

The College Physician and his associates hold consulting hours twice daily at the Student Health Office in the Gymnasium. They keep themselves acquainted with the health of the students and provide for their proper treatment if ill. Every student is given a physical examination soon after his arrival and is advised as to his health and physical efficiency. No student will be admitted to Amherst College who has not been successfully vaccinated or who is unwilling to submit to such vaccination by the College Physician within three months after admission.

The College maintains an infirmary under the direction of the College Physician and has a consulting staff comprising surgeons, internists, and various specialists who are called by the College Physician in cases of serious illness.

Dr. O. Donald Chrisman, a fully qualified orthopedic surgeon, has consulting hours twice weekly in the Student Health Office.

The College medical consultants include: Dr. Hugh Tatlock of Northampton and Dr. Lawrence N. Durgin of Northampton for internal medicine; Dr. Edward J. Manwell of Northampton and Dr. David B. Jennison

for surgery; Dr. Russell F. Gervais of Northampton for eye, ear, nose, and throat; Dr. Malcolm W. Bick of Northampton for eye; Dr. Philip C. Viscidi of Northampton for urology; Dr. Leonard Anderson of Springfield for dermatology; Dr. Thomas J. Crowe and Dr. Myer Sharpe of Northampton for radiology; Dr. John L. Rogers of Amherst and Dr. G. Francis Osborn of Northampton for dentistry.

A Health Fee of $20 per semester is charged to all students. This entitles the student to medical and nursing care at the College Infirmary, as well as hospitalization in Northampton or Springfield, and the services of consultants, when recommended by the College Physician, up to a maximum of $500.00 for any one student in a college year. The College limits its responsibility to illnesses occurring while college is in session, including the expenses of medical treatment and hospitalization due to accidents on the athletic field or in connection with the ordinary and general procedures of the College. In the case of injuries from accidents of motor vehicles, trains, or airplanes either in traveling to or from Amherst or while resident in Amherst, the College's responsibility for medical and hospital expenses is limited to the services of the College Physician, the services of the Health Office, and care in the College Infirmary for a period not exceeding ten days. In such cases the College will not accept responsibility for medical or surgical bills of consultants, special nursing, or hospitalization in outside hospitals. The cost of prescription medication, glasses, and routine dentistry is not covered by the Health Fee.

Students or their parents are, of course, free to select consultants, surgeons, or hospitals of their own choice, but in such cases the fees of the physicians, surgeons, nurses, hospitalization, and incidental fees are not paid by the College.

In the cases of students who have served in the armed forces of the United States, the College's responsibility is limited to illnesses and accidents of a nature covered by its responsibilities to its regular civilian students. Expenses for illnesses arising in whole or in part from previous service in the armed forces are not covered. The decisions of the College Physician as to what expenses will be met by the College shall be final.

A student is entitled to no further health service after withdrawal or dismissal from college.

Parents are notified by mail of all infirmary admissions unless the illness is thought of sufficient severity to warrant direct communication by telephone. In emergencies requiring immediate surgery, when parents cannot be consulted in advance, the President will assume responsibility for the authorization of operation.

Students who are unable to attend classes because of illness are required to go to the infirmary unless living with their families in Amherst or vicinity. Sick excuses are given only for such time as is spent either in

the infirmary or, if living with their families, under a physician's care.

The College Infirmary is located on the campus, is of fireproof construction, and is designed in accordance with the best modern practice. It has a normal capacity of nineteen beds, and an emergency capacity of forty beds. It contains a lounge room with a selected library and two solaria for convalescing students, an operating room for minor surgical cases, a laboratory, and an isolation ward for the treatment of infectious diseases.

### Occupational Guidance

In liberal arts colleges such as Amherst, where few studies are of direct occupational significance, it is natural that many undergraduates find their most perplexing problem that of making a proper choice of a life career. To help undergraduates solve this problem, the College offers an occupational guidance program. This program assists students to (1) discover their own special interests, aptitudes, talents, and powers; (2) discover the most promising outlets for these special and individual powers; (3) become familiar with the best techniques in obtaining a job, (4) recognize the principal adjustments needed in changing from a life on the campus to one in the business world, and (5) arrange for interviews with government agencies, business concerns, and other groups interested in employing Amherst graduates.

The undergraduate who participates in this voluntary program will find himself better prepared to make a wise vocational choice and better equipped to face the business world.

# Tuition and Fees

*The officer having general supervision of the collection of Tuition and Fees is the Comptroller.*

A candidate's formal application for admission should be accompanied by a $5.00 application fee in check or money order made payable to The Trustees of Amherst College. Upon notification of admission to the College a candidate is required to return with his acceptance a nonrefundable advance payment of $100 which will be credited in full on the first term bill.

Student accounts are payable at the Office of the Comptroller. Bills will be mailed to students or to their parents approximately two weeks before the due date, the Saturday prior to the opening day of each semester. Freshmen and other new entrants should make payments on or before arrival. Advance payment by mail upon receipt of bill will be a convenience to the student and to the college.

In hardship cases, special arrangements may be made with the Comptroller *in advance* for extending payments over a short period. Unless such arrangements have been made, payment in full is expected when due.

Identification cards must be picked up in person at the Comptroller's Office before course cards may be obtained.

Summary of Charges

| | *Each Semester* | *Total for Year* |
|---|---|---|
| Tuition | $ 400.00 | $ 800.00 |
| Room | 112.50 | 225.00 |
| Board | 200.00 | 400.00 |
| Health Fee | 20.00 | 40.00 |
| Intercollegiate Athletic Fee | 16.00 | 32.00 |
| Student Activities Fee | 15.50 | 31.00 |
| Total | $764.00 | $1,528.00 |

Each student, or former student reentering, is charged a guarantee deposit of $25. After graduation or earlier termination of his course, this deposit is refunded, less any amounts then due on account of lost equipment, library fines, breakage, etc. This does not, however, relieve the student from the responsibility of paying such miscellaneous charges when incurred. Toward the end of each semester, such items not paid at their source will be referred to the Comptroller for collection, plus a penalty charge.

Each Senior is charged a degree fee of $7 in his final semester.

For extra courses taken to remove delinquencies incurred at Amherst, there will be a charge of $100 per semester for each four-hour course, $75 per semester for each three-hour course, $50 per semester for each two-hour course, and $25 per semester for required Public Speaking and any other one-hour course. For delinquencies in Physical Education a charge of $25 will be levied during each semester following sophomore year until the delinquency is removed.

In the case of any students who have unpaid balances due the College, earnings from any College employment may be applied to reduce their indebtedness.

A fee for the support of various activities of the student body is determined by the Student Council. This fee is collected by the College and turned over to the Advisor of Student Organizations for expenditure under his supervision. For the year 1956–57 the fee has been set at $24.00. For this fee each student receives a copy of the yearbook, the OLIO; a one year's subscription to the student newspaper and magazine, THE AMHERST STUDENT and THE AMHERST LITERARY MAGAZINE; and contributes to the support of the college band, the Glee Club, the Prom, the debate council, the radio station, the crew, and sundry other activities of the student body which fall under Council jurisdiction. To this fee is added $2.00 covering admission to Masquers performances which are under College rather than Council jurisdiction, and a $5.00 contribution to the skating rink as voted by the Student Council, making a total of $31.00, one half of which, $15.50, will appear on each semester bill.

### Summary of Expenses

Beyond the total amount billed by the College will be the student's personal expenses, membership dues in student organizations, clothing, travel, books, and miscellaneous items, all of which will vary greatly with the individual but will probably range from one to two hundred dollars per semester.

# Scholarships and Beneficiary Aid

*The officer directly in charge of the administration of scholarships and beneficiary aid is the Associate Dean of the College.*

The beneficiary funds of the College aggregate over $1,741,000. The income of these funds is distributed annually among students of high character and superior scholastic ability who can demonstrate financial need. For a full list of the funds see the Appendix.

### Scholarships for the Three Upper Classes

Applicants for scholarships, or for renewal of scholarships, from the three upper classes must file at the Associate Dean's office, on or before May 1st, an account of their income and expenditures for the preceding year, and an estimate of their income and expenditures for the following year.

As a minimum scholastic requirement, applicants for scholarships from the three upper classes must pass all of their courses of the preceding year with an average of at least seventy-five per cent. In general, awards are restricted to students who stood in the upper half of their respective classes during the previous college year.

### Scholarships for Incoming Students

More than 55 scholarships are awarded annually to applicants for admission to college who are in need of financial aid and who meet in full the entrance requirements. These scholarships range from $200 to $1700 per year. They are awarded for the first term in residence and entitle the recipient to a credit on the first bill for tuition. The continuation of each scholarship for the following term depends upon the student's passing all of his courses in his first term with an average of at least seventy-five per cent, and, when granted, involves a credit on the next term bill. All candidates for these scholarships must be candidates for admission and must take the Scholastic Aptitude Test and Achievement Test, given by the College Entrance Examination Board. Correspondence concerning scholarships should be addressed to the Associate Dean of the College, Amherst College, Amherst, Massachusetts. Each applicant for scholarship aid must file a formal application before February 15. No special examinations are needed other than the College Board tests required for Admission.

### Scholarship Funds

Throughout the whole history of the College funds have been given or bequeathed, the incomes of which are to be used for the assistance of worthy and needy students. A few of these funds are restricted to candidates for the ministry and a few of them are restricted by other factors,

such as the geographical location of the home of the applicant. In a few cases it is stipulated that the award from a particular fund shall be made to a particularly designated student. For the most part, however, the income of these funds may be awarded as the College sees fit. Three State Scholarships of full tuition are awarded annually to qualified residents of Massachusetts.

### Special Scholarships

*Sloan National Scholarships:* These special awards were established by the Alfred P. Sloan Foundation and are open to applicants who reside in the continental United States. With one exception, the stipends granted under these scholarships will vary with the financial need of the applicant. Awards will range from a minimum of $200 to a maximum of $2000 and will be renewed each year provided the recipient's performance continues on a high level and his relative financial need does not change. One $200 honorary Sloan Award will be made to an outstanding applicant irrespective of financial need. Sloan awards will be made to men who have outstanding academic records in secondary school, who have demonstrated unusual initiative, and who appear to have the character and personality required for future leadership.

*Alumni Fund Scholarships:* A limited number of special awards financed from the Amherst Alumni Fund are available for outstanding students depending upon financial need. Stipends range up to $1500 and are renewed annually unless the recipient fails to maintain a high scholastic average or his financial need decreases.

*General Motors College Scholarship:* The stipend for this award is determined on the basis of demonstrated need up to a maximum of $2,000 per year. The purpose of this award is to provide funds to enable an outstanding student to attend college irrespective of his financial resources. The primary considerations apart from demonstrated need are the worth, talent, and qualifications of the individual applicant. The General Motors award will be renewed for the four undergraduate years provided the student continues to meet the required standards.

*Proctor and Gamble Scholarship:* This award includes full tuition and an annual allowance for books, fees, and supplies (excepting room and board) for the entire four-year course. This scholarship will go to a student of unusual ability and promise who could not attend college without considerable financial assistance.

*Other Special Scholarships:* Also available in recent years have been scholarships sponsored by several other foundations, trusts, and corporations. These organizations include: The Westinghouse Corporation; The Edwin Gould Foundation for Children; Merrill Lynch, Pierce, Fenner & Beane; The Agnes M. Lindsay Trust.

### Residents of Amherst

Free tuition may be granted at the discretion of The Trustees of Amherst College to applicants for admission who can satisfy in full the entrance requirements for Amherst College, who have been residents of Amherst for three years before the time of admission to college, and whose parents have also been residents of Amherst for three years. The grants of free tuition are continued throughout the college course, provided the students concerned satisfy the scholarship requirements of the College, conform to its regulations, and the parents of the students concerned continue to live in Amherst.

### Student Loan Fund

Through the liberality of friends of the College, provision is made for loans of a limited amount to the few students in the later years of the course, at a low rate of interest, upon notes to be paid in subsequent years. In accordance with the conditions imposed by the donors of the Loan Fund, its use is limited to students in good scholastic standing whose habits of expenditure are economical. Application blanks may be obtained at the Associate Dean's office.

# Degrees

## MASTER OF ARTS

The Master of Arts degree is conferred upon students who have received the Bachelor of Arts degree either from Amherst College or from another college which has similar requirements for the Bachelor of Arts degree, and who have met the requirements described below. Application forms and a detailed explanation of the requirements may be obtained from the Dean. The tuition charge for the Master of Arts degree is $800.

### Requirements for Master of Arts Degree

To become a candidate for the Master of Arts degree, students are expected to have at least a B average or its equivalent in their undergraduate work. They should secure approval of proposed courses of study from the Dean, the department concerned, and the Committee of Six, not later than the June preceding the opening of the college year in which they plan to begin work for this degree.

Candidates are required to complete at least eight semester courses of advanced character, or the equivalent, under the direction of the department concerned, to secure grades of at least B in every course, to spend a minimum of two semesters in residence in Amherst College, to prepare a satisfactory thesis, and to pass oral and written comprehensive examinations.

## BACHELOR OF ARTS

The degree Bachelor of Arts is conferred upon students of Amherst College who have satisfactorily met the requirements prescribed for that degree. The plan of studies leading to the degree Bachelor of Arts is arranged on a basis of the equivalent of an eight-semester course to be pursued by students in residence at the College.

The Bachelor of Arts degree *cum laude*, *magna cum laude* or *summa cum laude* (Degree with Honors), is awarded to students who have successfully completed an approved program of honors work with a department or group.

To other students who have satisfactorily met the requirements the degree Bachelor of Arts *rite* is awarded.

### Requirements for Bachelor of Arts Degree

The degree of Bachelor of Arts is awarded to students who complete a minimum of one hundred and twenty-eight credit hours, of which at least sixty-four must be completed in the freshman and sophomore years, and at least sixty-four in the junior and senior years; who in freshman and sophomore years complete three two-year sequence courses in natural

science, social science, and English-Humanities; who in junior and senior years take at least fifteen credit hours outside the division in which they are majoring; and who complete certain prescribed work in public speaking and physical education.

*Note A:* A Sophomore who finds it necessary to exceed the sixty-four credit-hour minimum of the first two years in order to take an introductory course in a department in which he plans to major may, with the Dean's permission, postpone a required sophomore course to the junior year.

*Note B:* A portion of the fifteen credit-hour extra-divisional requirement may be waived by departmental representatives whenever they consider it justified. In such cases, students, both *rite* and honors, must submit a written statement to the representatives of the departments in which they are majoring giving the reasons why the requirement should be waived.

*Note C:* With permission of the Dean students may take Astronomy 22 in lieu of Science 22 or 24 in satisfying the sophomore science requirement.

*Note D:* In order to satisfy the Humanities requirement, students in the class of 1958 and subsequent classes must elect, in addition to the prescribed freshman humanities course, three further semester courses, for a total of at least nine credit hours, from the following three groups:

(a) Philosophy, Religion, Classical Civilization
(b) Music, Fine Arts, Dramatic Arts
(c) English or foreign literature.

The requirement may be met *either* by electing one semester course from each of the three groups *or* by electing two semester courses from one group and an additional semester course from either of the other two groups. Two of these courses must be completed by the end of the sophomore year. The particular courses which may be offered in satisfaction of this requirement are those designated by the departments concerned in their announcements of course offerings.

Candidates must have no deficiencies in the work of any year; must satisfy the language requirement in French, German, Italian, Russian, Spanish, Latin or Greek; must attain a general average of 70 percent in the courses completed at Amherst College and a grade of at least 70 percent in every course completed in another institution.

*Note E:* Beginning in September 1955, candidates' averages each semester will be computed on the basis of all courses taken at Amherst College, and candidates must have a general average, including failure grades, of 70 percent in courses taken at Amherst College to be eligible to receive the degree Bachelor of Arts.

A major consists of the equivalent of thirty credit hours pursued under the direction of a department or special group. A major cannot begin later than the junior year and may begin in either the freshman or sophomore

year. No year without a course in the major may intervene between its beginning and its end. Each department decides whether a freshman course in a department shall count toward its major.

The major can be met in accordance with either of two plans:

Plan A: A student may complete the thirty credit hour requirement within one department. He must complete at least twenty-two credit hours within one department, however, in which case he may complete the remaining credit hour requirement in related fields approved by the department.

Plan B: Combinations of courses not provided for under Plan A, but similar in aim to the established group majors in American Studies and Renaissance Studies, may be made with the consent of the several departments concerned and of the Dean.

### Language Requirements

The college language requirement may be satisfied in any of the following languages: French, German, Italian, Russian, Spanish, Latin, or Greek.

In modern languages the requirement may be met in either of the following ways:

1. At entrance, by a satisfactory score in the College Entrance Examination Board Achievement Test in the language, plus a demonstration of ability to comprehend the spoken language in an oral examination to be given to freshmen at the beginning of the college year.

2. After entrance, by passing course 5, or by passing reading and aural comprehension examinations to be given at the end of course 3.

In ancient languages the requirement may be met in either of the following ways:

1. At entrance, by a satisfactory score in the College Entrance Examination Board Achievement Test in Latin or Greek.

2. After entrance, by passing Latin 3 with a grade of C, by passing any higher numbered course in Latin, or by passing Greek 3.

### Degree with Honors

The degree Bachelor of Arts with honors is awarded at graduation to students whose academic records give evidence of particular merit. It may be awarded *cum laude*, *magna cum laude*, or *summa cum laude*, according to the level of achievement of the candidates. All degrees with honors are noted on the diploma and the Commencement program, and are announced in the annual catalog.

The award of honors is made by the Faculty of the College. In making such award the Faculty will take into account the following factors: (1) Candidates must have a minimum college average of 80 to be eligible to

be considered for the degree *cum laude*, of 86 for the degree *magna cum laude*, and of 90 for the degree *summa cum laude*. (2) Candidates must receive the recommendation for the degree *cum laude*, *magna cum laude*, or *summa cum laude* from the department in which they have done their major work. Each department will define the conditions upon which it will be their practice to make recommendations to the Faculty. (3) In the case of the award of *magna cum laude* and *summa cum laude* the Dean and the Committee of Six will review the entire record of candidates and will transmit to the Faculty their recommendations. Only students of marked distinction in both general work and in the field of honor studies will be recommended for the *summa cum laude* degree.

A student is expected to have a general average of at least 80 percent at the time he is accepted as a candidate for honors in a department or group. However, if the department concerned approves, a student whose average is below 80 percent may become a candidate for the degree with honors.

A candidate for a degree with honors may be permitted, at the discretion of the department in which he is majoring, to substitute in his junior year a conference course for one of his regular three- or four-hour courses, and in his senior year a conference course for one or two of his regular three- or four-hour courses.

## Course Divisions 1956-57

| DIVISION I<br>*The Humanities* | DIVISION II<br>*Social Studies* | DIVISION III<br>*Mathematics and Natural Sciences* |
|---|---|---|
| Dramatics Arts | American Studies | Astronomy |
| English | Economics | Biology |
| Fine Arts | History | Chemistry |
| French | Legal Studies | Cryptography |
| German | Political Science | Geology |
| Greek | | Mathematics |
| Humanities | | Physics |
| Italian | | Psychology |
| Latin | | Science |
| Music | | |
| Philosophy | | |
| Public Speaking | | |
| Religion | | |
| Spanish | | |

## CURRICULUM FOR FIRST TWO YEARS 1956–57

The complete program for freshmen and sophomores is:

| *Science* | *History* | *Humanities* | *Elective* | *Public Speaking* |
|---|---|---|---|---|
| | | FRESHMAN YEAR | | |
| Physical Science and Mathematics* | European Civilization | English and Humanities | Foreign language or other elective | |
| | | SOPHOMORE YEAR | | |
| *Choice of*<br>A. Chemistry and Biology<br>B. Evolution of the Earth and Man<br>C. Astronomy 22 (see Note C, page 44) | Problems in American Civilization | *Two courses from:*<br>A. Literature — English or foreign<br>B. Philosophy, Religion, Classical Civilization<br>C. Fine Arts, Music and Drama | Elective | Public Speaking |

* *A combination course in mathematics and physics. Students are assigned to sections according to their interest in science.*

# II

## *Courses of Instruction*

# Courses of Instruction

1956–1957

a. Freshman courses are numbered 1–20; sophomore courses 21–40; and junior and senior courses 41–80.

b. In general, odd-numbered courses are given in the first semester, and even-numbered courses in the second semester; the letter "S" after a number indicates that the number of the course is an exception to the usual numbering system.

c. Honors courses are offered to eligible juniors and seniors and are numbered 69, 70 and 79, 80 respectively. Election of these courses may be made only by candidates for a degree with honors unless exception is made by the department concerned and by the Dean.

## *Air Science*

Members of the classes of 1957, 1958, and 1959 wishing to complete their course in the Air Force Reserve Officer Training Corps may do so at the University of Massachusetts.

## *American Studies*

Professors Commager, Kazin, Kennedy, Latham,* C. Morgan, Rozwenc, Taylor, Warne,† and Ziegler; Assistant Professor Greene, Messrs. Garfinkle, Rosenzweig, Halsey, and Cassels; Visiting Professors Birr and Covey.

*Note:* For a major in American Studies: (a) At least two semester courses must be taken from American Studies 43, 44, 45, 47, and at least two semester courses from American Studies 25, 27, 48, 53, 54, 59, 60, 61, 62, 66. (b) American Studies 72 is required of all majors who are not candidates for honors. (c) Eight semester courses are required for the major, not including American Studies 21, 22. All of these courses may be taken from those listed in (a) and (b) above, but in special cases other courses may be counted toward the major, if approved by the Department.

Honors candidates will conform to the requirements for a major indicated above and are required to include among the eight courses counting toward their major, American Studies 79 and 80. In addition, the Department recommends that students intending to do honors work take American Studies 70. In conjunction with American Studies 79 and 80, each candidate will write an original essay on a topic which has been approved

* *Absent on leave 1956–57.*
† *Absent on leave Second Semester.*

by the Department. Early in May of his senior year he will take a comprehensive written and oral examination, the nature of which will be determined by his fields of special concentration.

21, 22. Problems in American Civilization. Professors Birr, Commager, Covey, Greene, Kennedy, Rozweng, Taylor, Warne, and Ziegler; Messrs. Garfinkle, Rosenzweig, Halsey and Cassels.

A study of selected problems in American civilization. This course does not provide a survey of American history, but centers attention on a limited number of topics which are treated from various viewpoints, including the political, economic, and cultural. Five lectures and one two-hour laboratory period every two weeks. *Required for Sophomores. First and second semesters.*

24. The American Economy. Professor Nelson. *4 credit hrs.*

(Same course as Economics 24.) *Elective for Sophomores. Second semester.*

25. American Constitutional Development. *4 credit hrs.*
Professor Latham.

(Same course as Political Science 25.) *Elective for Sophomores. First semester. (Omitted 1956–57).*

27. Political Parties. Mr. Rosenzweig. *4 credit hrs.*

(Same course as Political Science 27.) *Elective for Sophomores. First semester.*

42. Labor Economics. Mr. Garfinkle. *4 credit hrs.*

(Same course as Economics 42.) *Elective for Sophomores. Second semester.*

43. American Literature. Professor Kazin. *3 credit hrs.*

(Same course as English 43.) *Elective for Juniors. First semester.*

44. American Literature. Professor Kazin. *3 credit hrs.*

(Same course as English 44.) *Elective for Juniors. Second semester.*

45S. American Art. Professor C. Morgan. *3 credit hrs.*

(Same course as Fine Arts 45.) *Elective for Juniors. Second semester. (Omitted 1956–57).*

47. American Philosophy. Professor Kennedy. *3 credit hrs.*

(Same course as Philosophy 47.) *Elective for Juniors. First semester.*

49. American Economic History. Professor Taylor. *4 credit hrs.*

(Same course as Economics 49.) Prerequisite: Economics 21. Preference

will be given to students who have had History 53–54 or History 59–60. *Limited to fifteen students. Elective for Juniors. First semester.*

53. Social and Intellectual History of the United States. Professor Rozwenc. *4 credit hrs.*

(Same course as History 53.) *Elective for Juniors. First semester.*

54. Social and Intellectual History of the United States. Professor Rozwenc. *4 credit hrs.*

(Same course as History 54.) *Elective for Juniors. Second semester.*

55. American Political Theory. Professor Fenno. *3 credit hrs.*

(Same course as Political Science 55.) *Elective for Juniors with the consent of the instructor. First semester. (Omitted 1956–57.)*

59. American Political History. Professor Rozwenc. *4 credit hrs.*

(Same course as History 59.) *Elective for Juniors. First semester. (Omitted 1956–57.)*

60. American Political History. Professor Rozwenc. *4 credit hrs.*

(Same course as History 60.) *Elective for Juniors. Second semester. (Omitted 1956–57.)*

61. Foundations of American Civilization. *4 credit hrs.* Professor Greene.

(Same course as History 61.) *Elective for Juniors. First semester.*

62. American Diplomatic History. Professor Greene. *3 credit hrs.*

(Same course as History 62.) *Elective for Juniors. Second semester. (Omitted 1956–57.)*

66. Seminar on the American West. Professor Greene. *4 credit hrs.*

(Same course as History 66.) *Limited to 15 students. Elective for Juniors with the consent of the instructor. Second semester.*

70. Introduction to Honors Work in American Civilization. Professors Greene, Rozwenc and others. *4 credit hrs.*

A study of classic writings in diverse areas of American Civilization plus modern works representing problems of methodology in the various disciplines within the American Studies program. One two-hour seminar weekly. *Elective for Juniors with the consent of the department. Second semester.*

71. The Origins and Development of American Nationalism. Professor Commager. *3 credit hrs.*

(Same course as History 71.) *Elective for Juniors. First semester.*

72. Seminar in American Civilization.
Professor Taylor and others. *4 credit hrs.*

A study of selected topics in American Civilization including problems of methodology in the various disciplines within the American Studies program. One two-hour seminar weekly. *Elective for Juniors and Seniors with the consent of the instructor. Second Semester.*

79. Seminar in American Civilization. *6 credit hrs.*
Professors Commager, Greene, Kazin, and Rozwenc.

Honors work in American civilization. One two-hour session weekly. Limited to fifteen students. *Elective for Seniors with the consent of the instructor. First semester.*

80. Honors. *6 credit hrs.*

*Elective for Seniors. Second semester.*

## *Astronomy*

Associate Professor Linnell

Two alternative programs are available leading to a degree in astronomy. One is the honors program, designed to meet the needs of those students who wish to prepare themselves for graduate work in astronomy or astrophysics, or who wish a combined honors program with mathematics or physics. The other is the departmental major, for the student who wishes to study astronomy largely for its cultural value, but who does not plan graduate study.

Equipment available for thesis work in either program includes an eighteen inch visual refractor, a seven inch visual refractor, a three inch camera, photoelectric photometers, a copy of the Palomar Sky Atlas, and excellent library facilities. Should the needs of the thesis project so dictate, the department may arrange to obtain special materials from other observatories.

Honors: By the end of his sophomore year, the student should have completed Astronomy 22, Physics 22, and Mathematics 3. During his junior year, the course elections should include Astronomy 41, Physics 51 and 52, and Mathematics 31 and 32. In his senior year the electives should include Physics 75, Astronomy 42, and Astronomy 79–80. In addition, since graduate schools require a reading knowledge of French and German, the student should plan to elect the 25–26 reading course in one of these languages. Departures from this program may be allowed in special cases.

Major: This program requires less extensive training in physics and mathematics and somewhat broader training in astronomy. The major includes the following courses: Astronomy 22, 41, 43, 79–80, Physics 22,

51, and Mathematics 3. The candidate will be expected to complete two projects for the Astronomy 79–80 course. These projects may be either term papers on subjects of interest to the student, or design or use of astronomical equipment. The 79–80 course will receive eight hours total credit for this program.

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22. Descriptive Astronomy. Professor Linnell. *4 credit hrs.*

Celestial coordinate systems, time, physical and dynamical properties of the solar system, properties and distances of stars and galaxies, recent cosmological theories.

Four hours of classroom work per week. Occasional laboratories.

Observation with 18 inch refractor.

*Elective for Sophomores. First semester.*

22S. Descriptive Astronomy. Professor Linnell. *4 credit hrs.*

Same course as 22. *Elective for Sophomores. Second semester.*

41. Practical Astronomy. Professor Linnell. *4 credit hrs.*

Precise observational determination of position and time. Instrumental errors. Stellar parallax and proper motion. Occultations and eclipses. Four hours of classroom work per week. Occasional laboratories. Requisite: Astronomy 22. *Elective for Juniors. First semester.*

42. Astrophysics. Professor Linnell. *3 credit hrs.*

Application of the laws of physics to stars and interstellar space. Stellar atmospheres and interiors. Stellar spectra. Gaseous nebulae. Three hours of classroom work per week. Requisite: Physics 51 or consent of the instructor. *Elective for Juniors. Second semester.*

43. Reading Course. Professor Linnell. *4 credit hrs.*

This course is for students who do not plan graduate work in astronomy and who desire to study some area of astronomy. The course content may be adjusted to the needs of the individual student. Conference hours arranged individually. Requisite: Astronomy 22. *Elective for Juniors. First semester.*

43S. Reading Course. Professor Linnell *4 credit hrs.*

Same course as 43. *Elective for Juniors. Second semester.*

79–80. Conference Courses. Professor Linnell. *6 credit hrs.*

Required of majors and honors students. *Elective for seniors. First and second semesters.*

## *Biology*

Professors KIDDER, PLOUGH, SCHOTTÉ, and WOOD;
Assistant Professors YOST, ELLIS and HEXTER.

*Note:* A major in biology will consist of at least 24 semester hours in biology together with any 8 semester hours in chemistry. Under certain conditions these specific requirements may be modified with the approval of the department. The course in Evolution of the Earth and Man (Science 23, 24) counts as 4 semester hours, and Science 22 counts as 4 semester hours of biology toward a major. Biology 59 is not counted toward the major.

A chemistry-biology major requires 16 semester hours in each of the departments and must include Chemistry 43–44. Science 21 and Science 22 may be counted as 4 semester hours in chemistry and biology respectively, and Science 23, 24 counts as 4 semester hours in biology.

A psychology-biology major requires at least 16 semester hours in each of the departments. Science 23–24 (one semester credit in biology) and Science 22 may be counted as 4 semester hours each in biology toward this major.

Honors work in biology is intended to offer an introduction to the purposes and methods of biological research. It is an excellent preparation for those students who wish to become professional scientists or who wish to acquire first-hand knowledge of the methods of modern science.

Candidates for the degree with honors in biology must have completed by the beginning of the senior year a minimum of 16 semester hours in biology; sophomore courses may be counted and the course in Evolution of the Earth and Man (Science 23–24) counts as 4 semester hours in biology. Honors candidates must elect Biology 79, 80 and complete by the end of senior year a minimum of 30 semester hours in biology.

The work for honors in biology consists of two main activities: (a) participation in a general and in a specialized seminar course in which the candidate reports on papers from current scientific periodicals; (b) an original investigation under the direction of some member of the staff.

In spring of his senior year the candidate writes a comprehensive examination on the whole field of biology. He also writes a thesis presenting the results of his research and defends his findings orally before the whole Department.

Recommendations for the various grades of honors will be made on the basis of the reports, the comprehensive examination, and the value of the original investigation.

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22. Same Course as Science 22. *4 credit hrs.*

23, 24. Same Course as Science 23, 24. *4 credit hrs.*

25. General Zoology. Professor Ellis. *4 credit hrs.*

Morphology, classification and general physiology of animals, chiefly invertebrates. Special consideration is given to such general phenomena as interrelation of animals with their environment, parasitism, reproduction, development and evolution. Three hours classroom and four hours laboratory or field work per week. *Elective for Sophomores. First semester.*

28. General Botany. Professor Yost. *4 credit hrs.*

The structure, physiology and reproduction of plants. Botanical history, ecological adaption. Three hours classroom and four hours laboratory work or field work per week. *Elective for Sophomores. Second semester.*

41. Comparative Anatomy. Professor Wood. *4 credit hrs.*

A study of the anatomy of vertebrates and a review of vertebrate evolution. Three hours classroom and four hours laboratory work per week. Requisite: One semester of biology. *Elective for Juniors. First semester.*

42. Embryology. Professor Schotté. *4 credit hrs.*

A description of developmental processes in the vertebrates, with an introduction to the physiology of development. Four hours classroom and two hours laboratory work per week. Requisite: One semester of biology. *Elective for Juniors. Second semester.*

43. Genetics. Professor Hexter. *4 credit hrs.*

The general principles and techniques of heredity, and their bearings on reproduction and the determination of sex. Breeding experiments in the laboratory. Three hours classroom and four hours laboratory work per week. Requisite: One semester of biology. *Elective for Juniors. First semester.*

45. Cytology and Histology. Professors Schotté and Yost. *4 credit hrs.*

A detailed study of modern aspects of finer structures of the cell with special reference to both the cytoplasmic and nuclear mechanisms of reproduction. The second part of the course centers around cellular differentiation and organization into tissues and organs (general histology). The laboratory exercises deal with cytological methods and fundamental histological techniques. Four hours of lectures and one laboratory session a week. Requisite: One semester of biology. *Elective for Juniors. First semester. (Alternate years with Biology 52; omitted 1956–57.)*

46. Human Genetics. Professor Hexter. *3 credit hrs.*

A survey of heredity in man with special emphasis on the methods of human genetics. The application of these findings to problems of sex-determination, eugenics, the role of environment, and the significance

of race will be discussed from the point of view of both the individual and the population. Three hours classroom work per week. No requisite. (Not counted toward the major in Biology) *Elective for Juniors. Second semester in alternate years (omitted 1956–57).*

47. Experimental Morphology. Professor Schotte. *4 credit hrs.*

An experimental analysis of the problems of differentiation of form and structure, including the physiology of embryonic development and studies on regeneration. Three hours classroom and four hours laboratory per week. Requisite: One semester in Biology. *Elective for Juniors. First semester. (Alternate years with Biology 45.)*

48. Ecology. Professor Hexter. *4 credit hrs.*

A study of the interrelation between living organisms and their environment. Topics will include an analysis of the environment; populations; the community; and ecology and evolution. Three hours classroom and four hours laboratory or field work per week. Requisite: one semester of Biology. *Elective for Juniors. Second semester in alternate years.*

51. Biochemistry. Professor Kidder. *4 credit hrs.*

A study of the fundamental chemical processes of living matter. Three hours classroom and four hours laboratory work per week. Requisite: One semester of biology and organic chemistry (which may be taken concurrently). *Elective for Juniors. First semester.*

53. Cellular Physiology. Professor Yost. *4 credit hrs.*

A study of cellular function in relation to structure, with special emphasis on membranes and enzymes. Three hours classroom and four hours laboratory work per week. *Elective for Juniors. First semester.*

54. Bacteriology. Professor Plough. *4 credit hrs.*

A study of the bacteria, yeasts and molds, their physiological activities and genetic relationships. Three hours classroom and four hours laboratory work per week. Requisite: Two semesters in biology and one course in chemistry. *Elective for Juniors. Second semester.*

56. Vertebrate Paleontology. Professor Wood. *4 credit hrs.*

(Same course as Geology 56.) Requisite: Biology 41. *Elective for Juniors. Second semester.*

71. Biology of Viruses. Professor Plough. *3 credit hrs.*

A seminar review of some recent studies of viruses with special reference to the mode of virus multiplication. Laboratory studies of bacterial

viruses or bacteriophage. Requisite: Two semester courses in biology. *Elective for Seniors with the consent of the instructor. First semester.*

79, 80. Seminar in Biology. The Staff.
*4 credit hrs. first semester, 6 credit hrs. second semester.*

The classwork consists of oral summaries and reports on problems of current biological interest. In addition, each student will carry on an individual investigation under some member of the staff. The course is designed for honor candidates, but is open to other advanced students with the consent of the Department. Requisite: Four semester courses in biology. *Elective for Seniors. First and second semesters.*

## *Chemistry*

Professors Beebe, Grahame, and Whitney;
Assistant Professors Robison and Scott.

Candidates for the degree with honors in chemistry will attend the chemistry seminar during their junior and senior years, participating in it actively in the senior year. At this seminar, discussions of topics of current interest will be conducted by staff members and by students.

In the senior year, candidates will normally enroll in Chemistry 71 or 73, and in Chemistry 80. Individual laboratory problems will be selected by the student in conference with some member of the Department. These may be advanced types of inorganic or organic syntheses, physicochemical experiments or analyses, or problems for original investigation. Each candidate will write a thesis based upon his laboratory work. He will take a comprehensive examination during the spring term of his senior year. Recommendations for the various degrees of honors will be made by the department on the basis of the thesis work and the comprehensive examination.

The program for the bachelor's degree with a major in chemistry, as approved by the American Chemical Society, includes Chemistry 48, 50, 71 or 73, 80, and their prerequisites, a reading knowledge of German, one or two semesters of physics beyond the Science 1–2 course, Mathematics 3 and preferably Mathematics 23 or 31–32.

*Notes:*

A chemistry-biology major requires sixteen semester hours in each of the two departments, and must include Chemistry 43–44. Science 21 and Science 22 may be counted as semester courses in chemistry and biology respectively.

21. Same Course as Science 21. *4 credit hrs.*
Professors Beebe, Grahame, Robison, Scott, and Whitney.

24. Inorganic and Analytical Chemistry. *4 credit hrs.*
Professors Beebe and Scott.

A study of the chemistry of inorganic substances with special emphasis on ionic equilibria as met in qualitative analysis. Three hours classroom and four hours laboratory work per week. Requisite: Science 21. *Elective for Sophomores. Second semester.*

41. Physical Chemistry. Professor Grahame. *4 credit hrs.*

A study of the fundamentals of theoretical chemistry. Three hours classroom and four hours laboratory work per week. Requisite: Chemistry 24, and Mathematics 3. *Elective for Juniors with the consent of the instructor. First semester.*

42. Physical Chemistry. Professor Grahame. *4 credit hrs.*

A continuation of Chemistry 41. Requisite: Chemistry 41. *Elective for Juniors. Second semester.*

43. Organic Chemistry. *4 credit hrs.*
Professors Whitney and Robison.

General theory of organic chemistry, preparation of typical organic compounds, and introduction to organic qualitative analysis. The chemistry of the most important functional groups only is studied in this course. Three hours classroom and four hours laboratory work per week. Requisite: Chemistry 24. *Elective for Juniors. First semester.*

44. Organic Chemistry. *4 credit hrs.*
Professors Whitney and Robison.

A continuation of Chemistry 43. Requisite: Chemistry 43. *Elective for Juniors. Second semester.*

47. Quantitative Analysis. Professor Scott. *3 credit hrs.*

The quantitative analysis of inorganic substances with emphasis on volumetric methods. Principles of elementary physical chemistry will be considered and applied. Two hours classroom and four hours laboratory work per week. Requisite: Chemistry 24. *Elective for Juniors. First semester.*

48. Quantitative Analysis. Professor Scott. *2 credit hrs.*

A continuation of Chemistry 47. Requisite: Chemistry 47. *Elective for Juniors. Second semester.*

50. Advanced Inorganic Chemistry. *2 credit hrs.*
Professors Robison and Scott.

Two hours classroom work per week. Requisite: Chemistry 24. *Elective for Juniors. Second semester.*

71. Advanced Physical Chemistry. Professor Grahame. *3 credit hrs.*

A discussion of selected topics in physical chemistry from the fields of thermodynamics, quantum mechanics, and the nature of the chemical bond. Three class hours per week. Requisite: Chemistry 42. *Elective for Seniors. First semester.*

73. Qualitative Organic Chemistry. Professor Robison. *4 credit hrs.*

A continuation of the study of organic chemistry, with emphasis on the laboratory identification and characterization of organic compounds. Two hours classroom and six hours laboratory work per week. Requisite: Chemistry 44. *Elective for Seniors, with the consent of the Instructor. First semester.*

79–80. Honor Course. The Department. *6 credit hrs.*

*Elective for honor candidates, and for others with the consent of the Department. Second semester.*

## *Classics*

Associate Professors Clausen, Kern and Moore;
Assistant Professor Gould.

*Note:* All courses offered by the Department which are numbered 4 or higher may be used to satisfy the sophomore humanities requirement.

All courses offered by the Department may be counted toward a major except those numbered 1 and 2. A major may be entirely in Greek or entirely in Latin and will then consist of eight semester courses, two of which may be in related fields. A major in Classics will consist of eight semester courses in the Classics, which may be divided in any proportion between Greek and Latin, except that not less than two may be taken in either language.

Honors may be awarded to those candidates who major in Greek or in Latin or in Classics and who take eight semester courses in the Department. Every honors candidate must include in his program those courses numbered 41, 42, 79 and 80 in either Greek or Latin. He must submit a long essay (6000–7000 words) on some topic connected with his honors work and approved by the Department. He must have read extensively in Greek or Latin literature or both. He must also read independently, i.e., not as a part of the work in a course, approximately 50 pages of some Greek or Latin text selected with the approval of the Department. Early in May he will be given a written examination covering: a) his honors work; b) his reading in the Classical literatures. The emphasis in this examination will be on the literary and historical interpretation of major authors; there will be considerable latitude of choice between various

optional questions. The award of honors will be determined by the quality of the candidate's work in his courses, of his essay, and of his performance in the general examination.

The Department will cooperate with other departments in giving combined majors with honors.

The statement of requisites given below is intended only to indicate the degree of preparation necessary for each course, and exceptions will be made in special cases.

23. Classical Civilization. Professor Moore. *3 credit hrs.*

(Same course as History 23.) A study of the civilization of Greece from Homer to Alexander and its contribution to the civilization of the West. Readings from Greek literature will be included among the materials of the course. No knowledge of the ancient languages is required. Three hours of classroom work per week. *Elective for Sophomores. First semester.*

24. Classical Civilization. Professor Clausen. *3 credit hrs.*

(Same course as History 24.) A study of Roman civilization and its contribution to the civilization of the West. Readings from Latin literature will be included among the materials of the course. No knowledge of the ancient languages is required. Three hours of classroom work per week. *Elective for Sophomores. Second semester.*

## *Greek*

1. Introduction to the Greek Language. *4 credit hrs.*
Professor Kern.

Five class meetings per week. *Elective for Freshmen. First semester.*

2. Introduction to Greek Literature. *4 credit hrs.*
Professor Moore.

Requisite: Greek 1 or its equivalent. Five class meetings per week. *Elective for Freshmen. Second semester.*

3. The Iliad. Professor Gould. *4 credit hrs.*

Requisite: Greek 1 and 2 or their equivalent. Five class meetings per week. *Elective for Freshmen. First semester.*

4. The Odyssey; The Lyric Poets. Professor Moore. *4 credit hrs.*

Requisite: Greek 3 or its equivalent. Three class meetings per week. *Elective for Freshmen; quasi seminar course, limited to twenty-five students. Second semester.*

5. Plato's *Apology;* A Play of Euripides. Professor Moore. *4 credit hrs.*

Requisite: Greek 3 or its equivalent. Three class meetings per week. *Elective for Freshmen; quasi seminar course, limited to twenty-five students. First semester.*

6. Greek Tragedy. Professor Clausen. *4 credit hrs.*

Requisite: Greek 3 or its equivalent. Three class meetings per week. *Elective for Freshmen; quasi seminar course, limited to twenty-five students. Second semester.*

21. Readings in Greek Literature of the Fifth Century. *4 credit hrs.* Professor Moore.

Requisite: Greek 5 or 6. *Elective for Sophomores; quasi seminar course, limited to twenty-five students. First semester.*

22. Readings in Greek Literature of the Fifth Century. *4 credit hrs.* Professor Gould.

Requisite: Greek 5 or 6. Three class meetings per week. *Elective for Sophomores; quasi seminar course, limited to twenty-five students. Second semester.*

41, 42. Advanced Readings in Greek Literature. *4 credit hrs.* Professor Moore.

The authors read in these courses vary from year to year, the selection being made according to the interests and needs of the students. Examples: Plato's Republic and Aristotle's Ethics; Pindar, Bacchylides, and Theocritus; Demosthenes and Thucydides; the Greek novelists. Requisite: Greek 6. *Seminar course; elective for Juniors. First and second semesters.*

79, 80. Senior Honors Course. *6 credit hrs.*

## *Latin*

1S. Introductory Course. Professor Gould. *4 credit hrs.*

A rapid introduction to the Latin language with select readings from Roman literature. Five class meetings per week. *Elective for Freshmen. Second Semester.*

3. Intermediate Course. Professor Kern. *4 credit hrs.*

Review of Latin grammar; selections from *Viri Romae* and Cicero's Orations. Requisite: Latin 1–2, or two or three entrance units in Latin. Five class meetings per week. *Elective for Freshmen. First semester.*

4. The Aeneid. Professor Gould. *4 credit hrs.*

Requisite: Latin 3, or three entrance units in Latin. Three class meetings per week. *Elective for Freshmen; quasi seminar course, limited to twenty-five students. Second semester.*

5. Cicero's de Senectute; Selections from Catullus and from Horace's Odes. *4 credit hrs.*
Professor Clausen.

Requisite: Latin 4, or four entrance units in Latin. Three class meetings per week. *Elective for Freshmen; quasi seminar course, limited to twenty-five students. First semester.*

6. Horace's Odes, Selections from Pliny's Letters, and A Play of Terence. *4 credit hrs.*
Professor Kern.

Requisite: Latin 4 or 5, or four entrance units in Latin. Three class meetings per week. *Elective for Freshmen; quasi seminar course, limited to twenty-five students. Second semester.*

21. Roman Comedy. *3 credit hrs.*

Requisite: Latin 5 or 6. Three class meetings per week. *Elective for Sophomores. First semester. (Omitted 1956–57.)*

22. Tacitus. Professor Kern. *3 credit hrs.*

Requisite: Latin 5, 6, or 21. Three class meetings per week. *Elective for Sophomores. Second semester.*

25. Latin Poetry: Lyric and Pastoral. *2 credit hrs.*
Professors Clausen and Moore.

Intended for students of literature who wish to acquire some knowledge of the tradition of Latin poetry. Poems of Catullus, Horace, and Virgil will be read and interpreted from a literary point of view, and attention will be paid to similar poems in English. Students must have some knowledge of Latin and some familiarity with poetry. Two hours of classroom work per week. *Elective for Sophomores with permission of the instructor. First semester.*

41, 42. Advanced Readings in Latin Literature. *4 credit hrs.*
Professors Clausen and Kern.

The authors read in these courses vary from year to year, each course giving a survey of one field of Latin literature; e.g., Roman Satire, Roman Philosophy, Roman Law, Late Latin, Roman Tragedy, etc. Requisite:

Latin 21 or 22. Three class meetings per week. *Elective for Juniors; seminar course. First and second semesters.*

79, 80. Senior Honors Course. *6 credit hrs.*

## *Cryptography*

Professor Holmes.

22S. Elementary Cryptography and Cryptanalysis. *3 credit hrs.*
Professor Holmes.

A study of the logical and philological principles involved in the construction and analysis of ciphers and codes. Military uses emphasized. Three class meetings per week. *Elective for Sophomores, with preference given to Junior and Seniors. First semester.*

## *Dramatic Arts*

Associate Professors McGoun, Pettet, and Rogers.

*Note. Majors:* Students majoring in Dramatic Arts must complete Dramatic Arts 25, 26, 43, 44, 45, 46, and 79, 80.

Courses in other departments recommended for major students: English 25, 26, 41; Fine Arts 23, 24, 25; French 18, 29, 43, 44; Music 46; Philosophy 44.

*Honors:* Areas of concentration for a degree with honors in Dramatic Arts are: Theater History or Dramatic Criticism and Aesthetics.

Dramatics 25 or 25S may be used in satisfaction of the sophomore humanities requirement.

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25. Introduction to Theater Studies. Professor Pettet. *3 credit hrs.*

An investigation into plays, theaters, theatrical customs and criticism from the Dionysian Festivals to the well-made play of the 19th Century. Three hours of classroom work per week. *Elective for Sophomores. First semester.*

25S. Introduction to Theater Studies. Professor Pettet. *3 credit hrs.*

Same course as 25. *Second semester.*

26. Introduction to Theater Studies. Professor Pettet. *3 credit hrs.*

A continuation of Dramatic Arts 25. The Theater from Ibsen to Eliot. Three hours of classroom work per week. *Elective for Sophomores. Second semester.*

43. Principles of Dramatic Production. *3 credit hrs.*
Professors Pettet, McGoun, and Rogers.

A study of directing, scene design and stage lighting considered as instruments of dramatic interpretation. Both Dramatic Arts 43 and 44 must be completed to secure credit for Dramatic Arts 43. Three hours classroom work per week. *Elective for Juniors. First semester.*

44. Principles of Dramatic Production. *3 credit hrs.*
Professors Pettet, McGoun, and Rogers.

Continuation of Dramatic Arts 43. Requisite: Dramatic Arts 43. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

45. Theater History. Professor McGoun. *3 credit hrs.*

An analysis of theatrical production from the 5th Century B.C. to modern times with emphasis on the relation of art forms to the theater. *Elective for Juniors. First semester.* Requisite: Dramatic Arts 25 or the approval of the instructor.

46. Aesthetics of the Theater. Professor Pettet. *3 credit hrs.*

Analysis of the philosophy underlying dramatic conventions, composition and production. An intense investigation through plays and critics of the art of the playwright and dramatic communication. Requisite: Dramatic Arts 25 or the approval of the instructor. Three hours of classroom work per week. *Elective for Juniors. Second semester, alternate years.*

79. Conference Course. The Department. *4 to 8 credit hrs.*

Advanced work in one or two of the following fields of Dramatic Arts: Theater History, Criticism and Aesthetics, Playwriting, Directing. Scene Design, Stage Lighting. Projects for honors may be undertaken in connection with this course. *Elective for Seniors with the consent of the Department. First Semester.*

80. Conference Course. The Department. *4 to 8 credit hrs.*

Continuation of Dramatic Arts 79. *Elective for Seniors with the consent of the Department. Second semester.*

## *Economics*

Professors Nelson, Ross, Taylor, Thorp, and Warne;*
Associate Professors Howard and Vatter
Assistant Professors Collery* and Juster
Messrs. Cassels, Garfinkle, and Halsey.

The following courses are required for a major in Economics:
Rite Students: Economics 21, 71.

* *Absent on leave second semester, 1956–57.*

Honors Students: Economics 21, 70, 79, 80.

Candidates for the degree with honors in economics will determine their class programs in consultation with the Department. Each candidate must attend the honors seminars conducted as a part of Economics 79–80 and prepare a thesis on a subject approved by the Department. Each candidate for honors will be examined by the Department on his work in Economics, and on the contents of his thesis, at the close of his senior year.

18. Introduction to the Analysis of Economic Problems. *1 credit hr.*

Professor Taylor.

A course designed to acquaint the student with the major approaches of economists to questions of economic policy and analysis. Primarily offered for those who do not plan to major in economics, this course is open only to those students who have not enrolled in Economics 21.

*Elective for freshmen. Second semester.*

21. An Introduction to Economics. *4 credit hrs.*

Professors Nelson and Collery, Messrs. Cassels and Halsey.

A study of the central functions and problems of an economic system, of the principles and practices of our own economy, and of other forms of economic organizations and control. One lecture and three hours of discussion each week. Prerequisite or corequisite for all other courses in economics, except Economics 18. *Elective for Sophomores. First semester.*

21S. An Introduction to Economics. *4 credit hrs.*

Professor Juster, Messrs. Cassels and Halsey.

Same description as above. *Elective for Freshmen. Second semester.*

24. The American Economy. *4 credit hrs.*

Professor Nelson.

An examination of the structure and operation of the economic system of the United States, with particular emphasis upon the different types of markets and industrial structures, the role and behavior of the price mechanism, the evolution of public policies, and selected current economic issues. Two lectures and two hours of discussion each week. Prerequisite or corequisite: Economics 21. *Elective for Sophomores. Second semester.*

25. National Income and Wealth. *4 credit hrs.*

Professor Juster.

An examination of the factors that influence the level of national income and employment; the determinants of international differences in income and wealth. Special emphasis will be placed on the role of public policies

as they affect the magnitude and composition of the national income. Prerequisite or corequisite: Economics 21. *Elective for Sophomores. First semester.*

41. Comparative Economic Systems. Professor Warne. *4 credit hrs.*

A study and comparison of the principal types of economic systems with special emphasis upon the position of labor in each. Prerequisite or corequisite: Economics 21. Four lectures each week. *Elective for Sophomores. First semester.*

42. Labor Economics. Mr. Garfinkle. *4 credit hrs.*

A survey of the position of labor in our modern economy and of the development and status of labor legislation and social security measures. Three lectures and one hour of discussion each week. Prerequisite or corequisite: Economics 21. *Elective for Sophomores. Second semester.*

43. Money and Banking. Professor Collery. *4 credit hrs.*

A study of money and finance and their relation to the functioning of an economic system, with special emphasis on the effects of monetary and credit policy on employment, production, and prices. Two lectures and two hours of discussion each week. Prerequisite or corequisite: Economics 21. *Elective for Sophomores. First Semester.*

45. Economic Statistics. Professor Ross. *4 credit hrs.*

A study of the sources of quantitative economic data, with special emphasis on the application of statistical methods to economic problems. Three lectures and two hours laboratory work each week. Prerequisite: Economics 21. *Elective for Juniors; limited to twenty-five students. First semester.*

46. Accounting. Professor Ross. *4 credit hrs.*

A study of the principles of accounting as related to economic analysis. Attention will be given to the use of accounts by persons and corporations and the application of accounting techniques to the study of national wealth and income. Four hours of classroom work per week. Prerequisite: Economics 21. *Elective for Juniors; limited to twenty-five students. Second semester.*

49. American Economic History. *4 credit hrs.*
Professor Taylor.

A study of the economic history of the United States with chief emphasis on the period before 1900. One two-hour seminar each week. Prerequisite: Economics 21. Preference will be given to students who have had History 53–54 or History 59–60. *Elective for Juniors; limited to fifteen students. First semester.*

50. History of Economic Thought. Professor Vatter. *4 credit hrs.*

A study of the development of economic thought as reflected in the writings of a limited number of authors, chiefly British and American.

Attention will be given to both the classical and the dissenting schools. The writings of such men as Smith, Ricardo, J. S. Mill, Jevons, Marshall, Raymond, Henry C. Carey, J. B. Clark, and Veblen will be studied. One two-hour seminar each week. Prerequisite: Economics 21. *Elective for Juniors; limited to fifteen students. Second semester.*

51. Monopoly Regulation. Professor Nelson. *3 or 4 credit hrs.*

The theory of monopoly pricing and of price discrimination; objectives and methods of public control of prices, profits, and service by public utilities and transportation agencies. Prerequisite: Economics 21. *Elective for Juniors. First semester.*

54. International Economic Policy. Professor Nelson. *3 credit hrs.*

An examination into the nature of commercial, monetary, investment, and other economic problems which appear when public or private interest extends across national boundary lines, and the principles and pressures which affect their solution, with particular reference to recent American experience. Three hours of classroom work per week. Prerequisite: Economics 21. *Elective for Juniors. Second semester.*

70. Junior Honors. Professor Juster. *4 credit hrs.*

A study of the more important analytical methods and conclusions of modern economics, with special reference to their application to economic research. Prerequisite: Economics 21. *Required of and limited to Junior Honors students. Second semester.*

72. Problems in American Economic Policy. *3 credit hrs.*
The Department.

A study of the process of formulating and executing public economic policy in the United States, based upon an intensive examination of selected cases. Particular emphasis will be given to the interrelationships of economic, political, philosophical, and other factors that affect public policy determination. One two-hour seminar each week. Prerequisite or corequisite: Economics 21. *Limited to and required of all Seniors majoring in Economics who are not candidates for Honors. Second semester.*

79. Economics Honors. The Department. *6 credit hrs. First semester.*

80. Economics Honors. The Department. *6 credit hrs. Second semester.*

## *Education*

Professor Kennedy; Assistant Professors Grose and Birney.

24S. Developmental Psychology. Professor Birney. *3 credit hrs.*

(Same course as Psychology 24S.) Requisite: Psychology 21. *Elective for Juniors. First semester.*

41. Philosophy of Education. Professor Kennedy. *3 credit hrs.*

(Same course as Philosophy 41. Given in alternate years.) *Elective for Juniors. First semester.*

42S. Educational Psychology. Professor Grose. *3 credit hrs.*

(Same course as Psychology 42S.) Requisite: Psychology 21. *Elective for Juniors with consent of the Instructor; limited to fifteen students. First semester.*

44. Psychological Tests and Measurements. *3 credit hrs.*
Professor Grose.

(Same course as Psychology 44.) Requisite: Psychology 21. *Elective for Juniors. Second semester.*

## *English*

Professors Baird, Barber, Craig,* Kazin, and McKeon;
Associate Professor Gibson; Assistant Professor DeMott;
Messrs. Bellamy, Bishop, Heath, Hogan, Jordan, and Revard.

*Note:* All English majors are required to elect English 21-22, English 63-64, and four other semester courses, exclusive of English 1-2, offered or approved by the English Department.

Candidates for honors in English are required to complete the following semester courses in English, exclusive of English 1-2: English 21-22, English 25-26, English 41 or 42, English 46, English 63-64, and English 79-80. Qualified candidates should in their senior year elect English 79-80.

1. Composition. *2 credit hrs.*
Professors Baird (Chairman), DeMott, and Gibson, and Messrs. Bellamy, Bishop, Heath, Hogan, Jordan, and Revard.

Three hours of classroom work per week. *Required for Freshmen. First semester.*

2. Composition. *2 credit hrs.*
Professors Baird (Chairman), Craig, and Gibson, and Messrs. Bellamy, Bishop, Heath, Hogan, Jordan, and Revard.

Two hours of classroom work per week. Requisite: English 1. *Required for Freshmen. Second semester.*

21. Introduction to Literature. *3 credit hrs.*
Professors Barber (Chairman), and DeMott, and Messrs. Bellamy, Bishop, Heath, Hogan, Jordan, and Revard.

The aim of this course is to teach critical reading of literature. The material read in any one year is limited to a small number of works of prose and poetry. Required for a major in English. Alternate course in

* *Absent on leave first semester.*

Humanities Sequence. Three hours of classroom work a week. *Elective for Sophomores. First semester.*

22. Introduction to Literature. *3 credit hrs.*
Professors Barber (Chairman), Craig, and DeMott, and Messrs. Bellamy, Bishop, Heath, Hogan, and Revard.
A continuation of English 21. Requisite: English 21. Three hours of classroom work a week. *Elective for Sophomores. Second semester.*

23. Advanced Composition. Professor Gibson. *4 credit hrs.*
A course in disciplined writing, both prose and verse. Students are expected to work independently without specific assignments. Class discussion of manuscripts and frequent conferences with the instructor. One two-hour meeting per week. *Elective for Sophomores with the consent of the instructor; limited to fifteen students. First semester.*

24. Advanced Composition. Professor Gibson. *4 credit hrs.*
A continuation of English 23. One two-hour meeting per week. *Elective for Sophomores with the consent of the instructor; limited to fifteen students. Second semester.*

25. Shakespeare. Professor Baird. *3 credit hrs.*
A reading of all the plays. Emphasis on Shakespeare's development as dramatist and poet. Requisite: A grade of "B" in a previous English course. Alternate course in Humanities Sequence. Three hours of classroom work per week. *Elective for Sophomores. First semester.*

26. Shakespeare. Professor Baird. *3 credit hrs.*
A continuation of English 25. Requisite: English 25. Three hours of classroom work per week. *Elective for Sophomores. Second semester.*

41. The Renaissance: The Sixteenth Century. *4 credit hrs.*
Professor Barber.
A study of Spenser and the major Elizabethan dramatists, and their relation to social and religious assumptions in popular and devotional literature. Three meetings per week. *Elective for Juniors; limited to twenty-five students. First semester. (Omitted 1956–57.)*

42. The Renaissance: The Seventeenth Century. *4 credit hrs.*
Professor DeMott.
A study of the poetry of Milton and of the Metaphysical Poets in relation to some religious and philosophic assumptions of the seventeenth-century writer. Three meetings per week. *Elective for Juniors; limited to twenty-five students. Second semester.*

43. American Literature. Professor Kazin. *3 credit hrs.*

A survey of American Literature from the seventeenth century to 1900 with emphasis on major figures. Three hours of classroom work per week. *Elective for Juniors. First semester.*

44. American Literature. Professor Kazin. *3 credit hrs.*

A continuation of English 43. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

45. The Nineteenth Century English Novel. *3 credit hrs.*
Professor Craig.

A study of representative works, with attention both to their literary structure and their relation to social history. Three hours of classroom work per week. *Elective for Juniors. First semester.* (*Omitted 1956–57.*)

46. Chaucer. Mr. Jordan. *4 credit hrs.*

Chaucer's major works in the original. Four hours of classroom work per week. *Elective for Juniors, and for Sophomores who have a grade of "B" in English 1-2 and who plan to become candidates for the degree with honors in English. Limited to twenty-five students. Second semester.*

47. Readings in Nineteenth Century Poetry. *3 credit hrs.*
Professor Gibson.

Studies in the major poets from the late Romantic to the early modern period. *Elective for Juniors. First semester.*

51. Yeats and Joyce. Professor Barber. *3 credit hrs.*

An introduction to some modern literary methods and related cultural developments by reading in the poetry and criticism of W. B. Yeats and the short stories and novels of James Joyce. *Elective for Juniors. First semester.* (*Omitted 1956–57.*)

52. Readings in Modern Poetry. Professor Barber. *3 credit hrs.*

A study of the poetry and criticism of a few major poets, with supplementary reading to illustrate the situations in which they worked. Regularly scheduled hours will be devoted to reading aloud and listening to recorded readings in small discussion groups. *Elective for Juniors. Second semester.*

53. Literature and Society, 1660–1740. *3 credit hrs.*
Professor DeMott.

A study of the prose and poetry of the Restoration and earlier eighteenth century. Principal authors will be Dryden, Swift, and Pope; some attention will be paid to lesser figures. *Elective for Juniors. First semester.*

56. Readings in Eighteenth Century Literature. *3 credit hrs.*
Professor Baird.

For 1956–57 the authors read will be Defoe, Richardson, Fielding, Smollett, Sterne, and Goldsmith. *Elective for Juniors. Second semester.*

57. English Literature of the Romantic Movement. *4 credit hrs.*
Mr. Bellamy.

A study of major works in poetry and prose of the late eighteenth and early nineteenth centuries. Three hours of classroom work per week. *Elective for Juniors, limited to 25 students. First semester.*

62. Readings in Modern Fiction. Professor Baird. *3 credit hrs.*

A study of some novels written in the twentieth century and a consideration of the novelist's position in modern society. Three hours of classroom work per week. *Elective for Juniors. Second semester.* (*Omitted 1956–57.*)

63. History of English Literature. Professor Barber. *3 credit hrs.*

Readings in selected major works to determine the main periods and continuities of English literature from the introduction of printing to the mid-eighteenth century. Three hours of classroom work per week. Required for a major in English. *Elective for Juniors. First semester.*

64. History of English Literature. Professor Craig. *3 credit hrs.*

Readings in selected major works to determine the main periods and continuities of English literature from the late eighteenth century to the early twentieth. Requisite: English 63. *Elective for Juniors. Second semester.*

79–80. Conference Course. The Department. *6 credit hrs.*
*Elective for Seniors.*

## *Fine Arts*

Professor C. Morgan; Associate Professor Rogers;
Assistant Professors Darr and Trapp.

*Note:* A major in fine arts consists of six semester courses in the department, including Fine Arts 23-24 and Fine Arts 25, and two semester courses in allied fields. Honors in fine arts will include the foregoing with the addition of Fine Arts 79-80. Fine Arts 25 is normally the prerequisite for all advanced courses in the historical aspect of the subject except for Fine Arts 42; and Fine Arts 23–24 is normally the prerequisite for all advanced courses in the technical aspect of the field.

Fine Arts 21–22 and Fine Arts 25 or 25S may be used in satisfying the Sophomore humanities requirement.

21. Same course as Humanities 21. (*Omitted 1956–57.*) *4 credit hrs.*

22. Same course as Humanities 22. (*Omitted 1956–57.*) *4 credit hrs.*

23. Elementary Technique and Design. *3 credit hrs.*
Professor Rogers.

Design, composition and line and form drawing in pencil, charcoal, crayon, pen and ink, and chalk. One lecture and two two-hour laboratory periods per week. No previous training required. *Elective for Sophomores. First semester.*

24. Elementary Technique and Design. *3 credit hrs.*
Professor Rogers.

Elementary color theory and technique of water color painting. Requisite: Fine Arts 23 or its equivalent. One lecture and two two-hour laboratory periods per week. *Elective for Sophomores. Second semester.*

25. Survey of the History of Art. *3 credit hrs.*
Professor C. Morgan.

The development of the major arts from the earliest time to the present day, with a special emphasis on the manner in which they reflect the successive civilizations that produced them. Three hours of classroom work per week. *Elective for Sophomores. First semester.*

Students in this course interested in applying principles of drawing may elect an additional two-hour a week studio section for one additional credit hour, a total credit of four hours for the course.

25S. Survey of the History of Art. *3 credit hrs.*
Professor Trapp.

The development of the major arts from the earliest time to the present day, with a special emphasis on the manner in which they reflect the successive civilizations that produced them. Three hours of classroom work per week. *Elective for Sophomores. Second semester.*

Students in this course interested in applying principles of drawing may elect an additional two-hour a week studio section for one additional credit hour, a total credit of four hours for the course.

42. Four Greek Sites. Professor C. Morgan. *3 credit hrs.*

A study of Athens, Corinth, Delphi and Olympia with especial reference to their development and their contribution to the art and culture of classical civilization. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

43. European Art of the Eighteenth and Nineteenth Centuries.
Professor Trapp. *3 credit hrs.*

Background of European art before the French Revolution and its development during the following one hundred years. Three hours of classroom work per week. *Elective for Juniors. First semester.* (*Omitted 1956–57.*)

44. Studies in Modern Art. Professor Darr. *3 credit hrs.*

A study of Rivera, Orozco, and other contemporary Mexican painters with particular consideration of the background which produced their art and their relationship to other modern movements. With permission of the instructor. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

45S. American Art. Professor C. Morgan. *3 credit hrs.*

American architecture, sculpture and painting in America from the 17th century to the present day. Requisite: Fine Arts 21. Three hours of classroom work per week. *Elective for Juniors. Second semester.* (*Omitted 1956–57.*)

47. Advanced Technique and Design. Professor Darr. *3 credit hrs.*

Intensive studio work in oil aimed to increase the student's knowledge and control of materials and to focus his powers of communication. Occasional outside reading. Requisite: Fine Arts 23-24 or its equivalent. *Elective for Juniors. First semester.*

48. Advanced Technique and Design. Professor Darr. *3 credit hrs.*

A continuation of Fine Arts 47. Requisite: Fine Arts 47. *Elective for Juniors. Second semester.*

49. Michelangelo. Professor C. Morgan. *1 credit hr.*

A study of the artist, his works and his background. One lecture a week and reading. *Elective for Juniors. First semester.* (*Omitted 1956–57.*)

50S. Renaissance and Baroque Art. Professor Trapp. *3 credit hrs.*

A progressive and comparative study of European art, north and south, from the 15th through the 17th centuries, with an emphasis upon the greater names in the cycle. *Elective for Juniors. First semester.*

51. Survey of European Architecture. *3 credit hrs.*

A study of the development of architectural styles from the Early Christian period to modern times in Europe. Three hours of classroom work per week. *Elective for Juniors. First semester.* (*Omitted 1956–57.*)

52. Mediaeval Art. *3 credit hrs.*

A study of characteristic monuments from the Romanesque and Gothic periods in European history. Three hours of classroom work per week. *Elective for Juniors. Second semester.* (*Omitted 1956–57.*)

53. Design Fundamentals. Professor Darr. *3 credit hrs.*

A series of exercises in various materials to illuminate the nature of visual experience and the principles of its organization into meaningful expression. One hour of classroom work and six hours of studio work per week. *Elective for Juniors. First semester.*

55. Principles of Design and Criticism. Professor Trapp. *4 credit hrs.*

Critical discussion and studio exercises intended to explore basic principles of design in painting, sculpture and architecture. Emphasis will be placed on the correlation of creative processes with a variety of attitudes in art history and criticism. Three hours of classroom work and one two-hour laboratory period per week. Requisite: Fine Arts 25. *Elective for Juniors. First semester.*

56. Principles of Design and Criticism. Professor Trapp. *4 credit hrs.*

A continuation of Fine Arts 55. Requisite: Fine Arts 55. *Elective for Juniors. Second semester.*

79, 80. Special Studies for Students Majoring in Fine Arts. *4 credit hrs.*

## *French*

Professors Atkinson, French, Funnell, * and Turgeon; Messrs. Giordanetti and Hofmann; Assistants: Mrs. Kulstein, Messrs. Fourniols, Moleins, and Tommy-Martin.

*Note: Major with Honors.* The honors major consists primarily in a program of extensive reading in the major authors of the last four centuries, and is intended also to provide a general knowledge of the development of French literature since the end of the Middle Ages. Candidates will normally take courses numbered 7 or 8, 10, 43, 44, 45, 46, 79, 80. All course elections must be made in consultation with a representative of the Department, and the course program may be adjusted in special cases. No thesis is required, but the work of courses 79 and 80 will include several written papers. At the end of the final semester each candidate will take two three-hour examinations, one consisting mainly of essay questions (to one of which the answer must be written in French), the other involving critical interpretation of text. Recommendations for the various grades of the degree with honors will be made on the basis of (1) the honors examinations, (2) the student's work in courses 79 and 80, (3) his general average in all his work in the Department.

*Major for students not candidates for the degree with honors.* The major must include thirty credit hours, not counting those of courses 1 and 3. Six of these credits may be in approved courses outside the Department.

*Combined major in two languages.* For a student whose primary language is French, the major must include twenty credit hours in French, not counting courses 1, 3, 5; in the second language it must include ten credit hours of which at least three must deal with literature.

*Requirements for Sophomores in Humanities.* The following courses are ap-

* *Absent on leave 1956–57.*

proved as satisfying the Humanities requirement in sophomore year: any course numbered above 5, except French 10, 21 and 22.

1. Elementary Course. *4 credit hrs.*
Professor Turgeon and Assistants.

Grammar, pronunciation, oral practice. Three hours per week for explanation and demonstration, four hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

3. Intermediate Course. *4 credit hrs.*
Messrs. Giordanetti and Hofmann and Assistants.

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. Three hours per week for explanation and demonstration, three hours per week in small sections for drill in aural comprehension of the language. *Elective for Freshmen. First semester.*

3S. Intermediate Course. *4 credit hrs.*
Mr. Giordanetti and Assistants.

Same description as above. *Elective for Freshmen. Second semester.*

5. Advanced Course. *4 credit hrs.*
Professor French, Messrs. Giordanetti and Hofmann, and Assistants.

The purpose of this course is to complete the student's training in fluent reading and in oral comprehension. Reading of significant fiction and plays from the modern period. Three hours per week in class and three hours per week in small sections for oral and aural drill. For those whose linguistic preparation is sufficient, there will be a special section in which more stress will be put on the reading as literature. Conducted as far as possible in French. *Elective for Freshmen. First semester.*

5S. Advanced Course. Mr. Hofmann and Assistants. *4 credit hrs.*
Same description as above. *Elective for Freshmen. Second semester.*

7. Introduction to French Literature Before the Revolution.
Professor Turgeon. *4 credit hrs.*

Reading and discussion of selected texts. Requisite: Satisfaction of the language requirement. Four hours of classroom work per week. *Elective for Freshmen. First semester.*

8. Introduction to French Literature Since the Revolution.
Professor Turgeon. *4 credit hrs.*

Reading and discussion of selected texts. Requisite: satisfaction of the language requirement. Four hours of classroom work per week. *Elective for Freshmen. Second semester.*

10. Advanced Composition and Conversation. *4 credit hrs.*
Mr. Giordanetti and Assistants.

Practice in free composition and in set translation into French; oral reports on selected topics. This course is designed primarily for those who wish to perfect their command of French for further study or for teaching the language. Three hours per week of composition and two hours per week of conversation. Requisite: Satisfaction of the language requirement. *Elective for Freshmen. Second semester.*

17. Readings in the French Novel. Professor Atkinson. *3 credit hrs.*

The reading will include at least one novel each by Balzac, Stendhal and Flaubert, with others, as time permits, chosen from the eighteenth and later nineteenth centuries. This course will be conducted partially in French. Requisite: satisfaction of the reading requirement. Three hours of classroom work per week. *Elective for Freshmen. First semester.*

18. French Drama of the 18th and 19th Centuries. *3 credit hrs.*
Professor Atkinson.

The reading will include plays by Lesage, Marivaux and Beaumarchais, followed by a number of representative plays of the nineteenth century. This course will be conducted partially in French. Requisite: satisfaction of the reading requirement. Three hours of classroom work per week. *Elective for Freshmen. Second semester.*

21, 22. Reading Course. Professor Atkinson. *4 credit hrs.*

A year course open to those who have already satisfied their language requirement in another language and who desire a reading knowledge of French. Four hours of classroom work per week. *Elective for Sophomores. First and second semesters.*

25S. French Lyric Poetry. Professor Funnell. *2 credit hrs.*

Medieval lyrics; poems by François Villon, Ronsard, du Bellay and Chénier; the chief Romantic and Parnassian poets of the nineteenth century. Requisite: French 7, 8, 17 or 18. Two hours of classroom work per week. *Elective for Sophomores. Second semester.* (*Omitted 1956–57.*)

27S. Readings in the Twentieth Century Novel. *3 credit hrs.*
Mr. Giordanetti.

Readings from the novels of such authors as Colette, Romains, Mauriac, Malraux, Sartre and others, but excluding Gide and Proust. The course will be conducted partially in French. Requisite: French 7, 8, 17 or 18. Two hours of classroom work per week. *Elective for Sophomores; limited to fifteen students. Second semester.*

29. French Drama since 1890. Professor Turgeon. *3 credit hrs.*

A survey of the principal trends in the modern theater with extensive

readings from such authors as Rostand, Mirbeau, Brieux, Claudel, Pagnol, Romains, Giraudoux, Anouilh, and Sartre. Requisite: French 7, 8, 17 or 18 Two hours of classroom work per week. *Elective for Sophomores; limited to fifteen students. First semester in alternate years.* (*Omitted 1956–57.*)

41. Special Topics in French Literature. *1–3 credit hrs.*
The Department.

In this course a student will work individually with one member of the department on an approved subject. In general authors dealt with in other advanced courses in French will not be approved for work in this course. Some possible subjects are: medieval literature, Rabelais, Montaigne, Pascal, Diderot; others may be discussed. The amount of credit to be given for the work will be settled in advance in consultation between the student and the department. Requisite: French 7, 8, 17 or 18, and consultation with, and the approval of, the department. *Elective for Juniors. First semester.*

42. Special Topics in French Literature. *1–3 credit hrs.*
The Department.

Description and requisites as for course 41. *Elective for Juniors. Second semester.*

43. French Classic Tragedy—Corneille and Racine. *4 credit hrs.*
Professor Turgeon.

A study will be made of the history of the French theater in the seventeenth century and of the development and theory of classic tragedy, with detailed analysis of the principal tragedies of Corneille and Racine. Requisite: French 7, 8, 17 or 18. Three hours of classroom work per week. *Elective for Juniors and, with the consent of the instructor, for Sophomores; limited to twenty-five students. First semester.*

44. French Classic Comedy—Moliere. Professor Turgeon. *4 credit hrs.*

A detailed study of the principal comedies of Molière, and of the comic spirit as exemplified in LaFontaine and Boileau. Requisite: French 7, 8, 17 or 18. Three hours of classroom work per week. *Elective for Juniors and, with the consent of the instructor, for Sophomores; limited to twenty-five students. Second semester.*

45. Voltaire. Professor Atkinson. *4 credit hrs.*

Voltaire and some of his contemporaries of 1715–1750. Requisite: French 7, 8, 17 or 18. Three hours of classroom work per week. *Elective for Juniors and, with the consent of the instructor, for Sophomores; limited to twenty-five students. First semester in alternate years.* (*Omitted 1956–57.*)

46. Rousseau. Professor Atkinson. *4 credit hrs.*

Rousseau and some of his contemporaries of 1750–1789. Requisite: French 7, 8, 17 or 18. Three hours of classroom work per week. *Elective for Juniors and, with the consent of the instructor, for Sophomores; limited to twenty-five students. Second semester in alternate years.* (*Omitted 1956–57.*)

48. Poetry since Baudelaire. Mr. Hofmann. *2 credit hrs.*

Baudelaire, the Symbolists, a few prominent poets of the twentieth century. Requisite: French 7, 8, 17 or 18. Two hours of classroom work per week. *Elective for Juniors and, with the consent of the instructor, for Sophomores. Second semester.*

51. André Gide. Mr. Giordanetti. *1 credit hr.*

Requisite: French 7, 8, 17 or 18. One hour of classroom work per week. *Elective for Juniors and, with the consent of the instructor, for Sophomores. First semester.*

53. Marcel Proust. Professor Funnell. *1 credit hr.*

Requisite: French 7, 8, 17 or 18. One hour of classroom work per week. *Elective for Juniors and, with the consent of the instructor, for Sophomores. First semester.* (*Omitted 1956–57.*)

79. Conference Course for Seniors. *4 credit hrs.*

*First semester.*

80. Conference Course for Seniors. *4 credit hrs.*

*Second semester.*

## *Geology*

Professor Bain; Assistant Professor Brophy; Mr. Webb

*Note:* A major in geology consists of twelve semester hours in related subjects approved by the Department and twenty semester hours in geology which are divided into three blocks and arranged to make a sequence. Eight semester hours of either Science 23–24 with a grade of B or Geology 21, and Geology 22, are fundamental. An additional 8 semester hours in geological subjects are essential to progress into an advanced field of geology. Four semester hours in an advanced field are required for a sequence. Science 21–22 are considered related subjects. Other related courses will be from that field of biology, chemistry, economics, mathematics or physics, advantageous to satisfactory progress in the advanced field selected for a major study.

The Department offers five sequences leading to a major in Geology. The sequences, and appropriate advanced subjects, are mineral studies

(45), structural geology (79), geology of sedimentary rocks (44), geography of material resources (46) and paleontology (49 or 56).

A student may declare his intention to major at any time up to the end of his sixth semester. At that time he should have completed, or have arranged to complete, courses which will enable him to examine independently most problems in the field of his sequence.

Candidates for the degree with honors must have completed a sequence by the end of their seventh semester, except in the instance of the geography sequence, and undertake a program of individual study as part of Geology 80. Geology 46 may be taken concurrently with Geology 80 for students electing the geography sequence.

Attention of students intending to proceed to graduate school is drawn to the requirements by many institutions that an applicant take the graduate record examination and that the candidate for an advanced degree have a reading knowledge of French and German. A thorough knowledge of Geology 21-22, 23-24 will afford coverage for 85% of the graduate record examination, and should be completed with a grade of B before applying to take this test.

21. Principles of Geology. The Staff. *4 credit hrs.*

An introductory study of the historical development of the science, and the processes modifying the surface form and internal structure of the earth. Four hours classroom and two hours laboratory work per week. Laboratory will be held in the field when weather permits. *Elective for sophomores. First semester.*

21S. Principles of Geology. The Staff. *4 credit hrs.*

Same as 21. *Elective for Sophomores. Second semester.*

22. Historical Geology. Mr. Webb. *4 credit hrs.*

The history of the development of the continents, the succession of plants and animals, and the evolution of life during the geologic past. Four hours classroom and two hours laboratory work per week. Requisite: Geology 21 or Science 23 with grade of B. *Elective for Sophomores. Second semester.*

23. Mineralogy. Professor Brophy. *4 credit hrs.*

A study of minerals and crystals including recognition, formation, occurrence, and use, and an introduction to the nature of crystalline matter. Three hours classroom and four hours laboratory work per week. *Elective for Sophomores. First semester.*

24. Petrology. Professor Brophy. *4 credit hrs.*

A systematic study of sedimentary, igneous, metamorphic and hy-

drothermal rocks, their origins and physicochemical relationships. Three hours classroom and four hours laboratory per week. Requisite: Geology 21 or Science 23 with grade of B, and Geology 23. *Elective for Sophomores. Second semester.*

26. Regional Geology and Geography of the Americas. *2 credit hrs.* Professor Bain.

A study of the development of the principal features in scenery, the rocks, the climate and human activities in the Americas and the surrounding oceans. Offered in alternate years with Geology 46. Two hours of classroom and one hour of laboratory work per week. Requisite: Geology 21 or Science 23 with grade of B. *Elective for Sophomores. Second semester.* (*Omitted 1956–57.*)

28. Regional Geology and Geography of the Eastern Hemisphere. Professor Bain. *2 credit hrs.*

A study of the development of the principal features in scenery, the rocks, the climate and human activities in the eastern hemisphere and occluded oceans. Offered in alternate years with Geology 46. Two hours of classroom and one hour of laboratory work per week. Requisite: Geology 21 or Science 23 with grade of B. (Students may elect either Geology 26, or 28, or both.) *Elective for Sophomores. Second semester.* (*Omitted 1956-57.*)

30. Minerals in Modern Affairs. Professor Brophy. *2 credit hrs.*

Minerals, their properties, recognition, distribution, and role today. This course is designed for the non-science major and is not credited for a major in the department. Two hours classroom and one laboratory hour per week. *Elective for Sophomores. Second semester.*

44. Sedimentology and Stratigraphy. Mr. Webb *4 credit hrs.*

A study of the features of modern sediments and the interpretation of sedimentary rocks and occurrence of resources in stratified rocks. Three hours classroom and four hours laboratory work per week. Requisite: Geology 22. *Elective for Juniors. Second semester.*

45. Mineral Deposits. Professors Bain and Brophy. *4 credit hrs.*

A study of the origin and distribution of bodies that contain minerals essential to modern industrial life. Three classroom hours and four laboratory hours per week. Requisite: Geology 24. *Elective for Juniors. First semester.*

46. World Resources. Professor Bain. *4 credit hrs.*

An investigation into supplies of materials from the earth available to man and the average requirement per person for each. Land acreage,

water power, and mineral resources are studied in detail. Given in alternate years. Three hours classroom, one discussion period, and two hours laboratory work per week. Requisite: Geology 22, 26, or 28. *Elective for Juniors. Second semester.*

49. Invertebrate Paleontology. Mr. Webb. *4 credit hrs.*

The identification, relationships, occurrence, and use of fossil invertebrate animals and plants. Three hours classroom and four hours laboratory work per week. Requisite: Geology 22. *Elective for Juniors. First semester.*

56. Vertebrate Paleontology. Professor Wood. *4 credit hrs.*

The evolution of vertebrates as shown by the study of fossils, and the relationship of environment to evolution. Three hours classroom and four hours laboratory work per week. (Same course as Biology 56.) Requisite: Geology 22 or Biology 41. *Elective for Juniors. Second semester.*

79, 80. Conference Course. The Staff. *4 to 6 credit hrs.*

Special investigation of one or more topics in mineral deposits, structural geology, sedimentology, paleontology, or world resources. Two or more hours conference per week and laboratory work as required. Requisite: The background courses in the Department. *Elective for Seniors.*

## *German*

Professor Scenna*; Associate Professor Peppard; Assistant Professor Tapp
Assistants: Mrs. Breusch; Messrs. Rahn and Wewer.

*Note:* The following courses may be used to satisfy the Humanities requirement in sophomore year: German 7, 21, 22, 27, 28, 32, 33, 35.

*Major for students not candidates for the degree with honors.* The major must include thirty credit hours, not counting those of courses 1 and 3. Eight of these credits may be in approved courses outside the Department.

*Honors:* The aim of honors work in German is to offer the candidate the opportunity

a) to explore a chosen field or fields through a more extensive program of readings than is possible in course work;
b) to organize material for himself along historical or analytical lines, usually in the form of a thesis or essay;
c) to acquire a general view of the history and development of German, either as language or literature.

The goal of this work is not necessarily to produce graduate students, unless a candidate has definitely decided upon doing graduate work. The

** Absent on leave second semester.*

program of the senior year is organized on the basis of individual conferences, in which the candidate benefits from personal attention.

Each candidate will present a thesis or essay on an approved topic. It may deal critically with the work of a specific author; it may treat the development of an idea in historical form; it may be a study of some particular literary form.

Each candidate will take, early in May, a written general examination on the history of German literature, which will also include questions in his chosen field. The result of this examination together with the excellence of the thesis or essay will determine the degree of honors for which the Department will recommend the candidate.

Candidates for the degree with honors should elect German 21, 22, 27, 43, 44, 79, 80. They are urged to study one ancient or other modern foreign language.

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1. Elementary Course. Professor Peppard. *4 credit hrs.*

Grammar, pronunciation, oral practice. This course will meet three hours per week for explanation and demonstration, and four hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

3. Intermediate Course. Professor Scenna. *4 credit hrs.*

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. This course will meet three hours per week for explanation and demonstration, and three hours per week in small sections for drill in aural comprehension of the language. Assignment to this course will be made on the basis of the score in the CEEB Achievement Test. *Elective for Freshmen. First semester.*

3S. Intermediate Course. Professor Tapp. *4 credit hrs.*

Same description as above. Requisite: German 1, or its equivalent. *Elective for Freshmen. Second semester.*

5. Advanced Course. Professor Tapp. *4 credit hrs.*

Reading and analysis of selected texts. This course will meet three hours per week for demonstration and explanation, and three hours per week in small sections for oral practice and discussion. Stress will be placed on the acquisition of aural comprehension of the language and oral drill. Conducted as far as possible in German. Requisite: A satisfactory score in the CEEB Achievement Test, or German 3, or the equivalent. *Elective for Freshmen. First semester.*

*Note:* Freshmen will be assigned to German 1, German 3, or German 5 on the basis of the score in the CEEB Achievement Test and previous training.

5S. Advanced Course. Professor Tapp. *4 credit hrs.*

Same description as above. Requisite: German 3 or its equivalent. *Elective for Freshmen. Second semester.*

7. Introduction to German Literature. *4 credit hrs.*
Professor Peppard.

Reading and discussion of selected literary texts. This course will be conducted as far as possible in German. Requisite: satisfaction of the language requirement. Four hours of classroom work per week. *Elective for Freshmen. First semester.*

7S. Introduction to German Literature. *4 credit hrs.*
Professor Peppard.

Same description as above. Requisite: satisfaction of the language requirement, including satisfaction of the requirement at the end of the first semester. *Elective for Freshmen. Second semester.*

21. Faust. Professor Scenna. *2 credit hrs.*

*Faust*, Part I. Study of the Faust legend and assigned readings. Requisite: German 7 or the consent of the instructor. Two classroom meetings per week. *Elective for Sophomores. First semester.*

21S. Faust. Professor Peppard. *2 credit hrs.*

Same description as above. *Elective for Sophomores. Second semester.*

22S. Faust. Professor Scenna. *2 credit hrs.*

*Faust*, Part II. Study of the Faust legend and assigned readings. Requisite: German 21 or the consent of the instructor. Two classroom meetings per week. *Elective for Sophomores. First semester.*

22. Faust. Professor Scenna. *2 credit hrs.*

Same description as above. *Elective for Sophomores. Second semester.* (*Omitted 1956–57.*)

23. Advanced Composition and Conversation. *4 credit hrs.*
Professor Peppard.

Practice in free composition and set translation into German; oral reports on selected topics. This course is designed primarily for those who wish to perfect their command of German for further study or for teaching the language. Offered every other year. Requisite: the consent of the instructor. *Elective for Sophomores. First semester.* (*Omitted 1956–57.*)

25, 26. Reading Course. Professor Tapp. *4 credit hrs.*

A year course open to those who have already satisfied their language requirement in another language and who desire a reading knowledge of

German. Four hours of classroom work per week. *Elective for Sophomores. First and second semesters.*

27. The Age of Goethe. Professor Scenna. *4 credit hrs.*

A study of the development of German literature, particularly as reflected in the works of Goethe, excluding *Faust*. Selected readings in other authors of the period. Lectures, essays and assigned readings. Requisite: German 7 or the consent of the instructor. Three hours of classroom work per week. *Elective for Sophomores; limited to fifteen students. First semester.*

28. Advanced Readings in German Literature. *3 credit hrs.*
Professor Peppard.

The content of this course will be determined each year by the instructor in charge. For 1955–56: German literature of the twentieth century, with some attention to the relation of literature to the national scene. Requisite: German 7, or consent of the instructor. Three hours of classroom work per week. *Elective for Sophomores. Second semester.* (*Omitted 1956–57.*)

32. Thomas Mann. Professor Peppard. *1 credit hr.*

An introduction to the shorter works of Thomas Mann and a study of his place in modern letters. Lectures and discussion. Requisite: German 7 or the consent of the instructor. One hour of classroom work per week. *Elective for Sophomores. Second semester.*

33. Franz Kafka. Professor Peppard. *1 credit hr.*

A study of Kafka and his place in European literature. Lectures and discussion. Requisite: German 7 or the consent of the instructor. One hour of classroom work per week. *Elective for Sophomores. First semester.*

35. German Poetry of the Twentieth Century. *1 credit hr.*
Professor Peppard.

Representative poems of the period and their relation to cultural developments in Germany. Requisite: German 7 or the consent of the instructor. One hour of classroom work per week. *Elective for Sophomores. First semester.* (*Omitted 1956–57.*)

42. German Literature of the Nineteenth Century. *4 credit hrs.*
Professor Peppard.

Major developments in German prose, poetry and drama since the age of Goethe, with some attention to the contemporary literary scene. Readings, reports and discussions. Requisite: German 21, or German 27, or the consent of the instructor. One seminar meeting per week, together with individual conferences. *Elective for Juniors. Second semester.*

43. Studies in German Culture I. Professor Scenna. *4 credit hrs.*

Assignment of individual problems or readings in fields of special interest. Requisite: German 22 or the consent of the instructor. *Elective for Seniors. First semester.*

44. Studies in German Culture II. Professor Scenna. *4 credit hrs.*

Assignment of individual problems or readings in fields of special interest. Requisite: German 22, or German 43, or the consent of the instructor. *Elective for Seniors. Second semester.* (*Omitted 1956–57.*)

79–80. Honors Course for Seniors. The Department. *6 credit hrs.*

## *History*

Professors Commager, Havighurst, McKay, Rozwenc, and Salmon;*
Assistant Professors Douglas, Greene, and Halsted;
Messrs. Kulstein, Monas, Randall, Russell and Sedelow.†

*Note:* A major in history will consist of eight semester courses in addition to the required sequence courses (History 1–2 and American Studies 21–22) of the freshman and sophomore years.

For majors in the department, History 25 (or History 25S) is recommended and should be taken either in sophomore or in junior year.

History 23–24 will satisfy the humanities requirement.

*Honors Program:* Candidates in the class of 1957 must elect History 79–80.

Beginning with the class of 1958, all candidates for honors must elect History 70, 79, and 80. These three courses form an integrated enterprise. The object is to offer the student an opportunity to arrive at some understanding of what "history" is and how the historian works: first, by the study of the writings of historians themselves, and second, by individual and original work through the application of historical principles. Thus, historical method will be studied initially in the statements of certain well-known historians as to what they conceive themselves to have been doing, and will then be given concrete meaning through the examination of how various historians have actually attacked certain key problems in the whole range of historical experience. Students will then have an opportunity to assess a variety of different approaches to history as well as the usefulness to history of adjacent disciplines. By stressing the importance of selecting a thesis topic in the spring of the junior year, emphasis will be placed on the possibilities of fuller exploitation of the summer following, for research or for further preparatory work in a relevant language.

* *Absent on leave second semester.*
† *Absent on leave 1956–57.*

1. The Development of Western Civilization: A Survey of European History and an Introduction to the Social Studies. *4 credit hrs.*

Professors Salmon, Douglas, and Halsted; Messrs. Kulstein, Monas, Randall and Russell.

Lectures, 3 hours; section meetings, 1 hour. *Required for Freshmen. First semester.*

2. The Development of Western Civilization: A Survey of European History and an Introduction to the Social Studies. *4 credit hrs.*

Professors McKay, Douglas and Halsted; Messrs. Kulstein, Monas, Randall and Russell.

Lectures, 3 hours; section meetings, 1 hour. Requisite: History 1. *Required for Freshmen. Second semester.*

21. Latin America. Professor Salmon. *3 credit hrs.*

The national history of the Latin American states from independence to the present. There will be a brief summary of the Indian and the Iberian backgrounds and the course will deal with economic and international problems along with political developments of the 19th and 20th centuries. *Elective for Sophomores. First semester.*

22. Latin America. Professor Salmon. *3 credit hrs.*
(*Omitted 1956–57.*)

23. Classical Civilization. Professor Moore. *3 credit hrs.*
(Same course as Classics 23.) *Elective for Sophomores. First semester.*

24. Classical Civilization. Professor Clausen. *3 credit hrs.*
(Same course as Classics 24.) *Elective for Sophomores. Second semester.*

25. Topics in the History of Medieval Europe. *4 credit hrs.*
Professors Douglas and Havighurst.

A course based on the intensive study of five or six aspects of medieval society, institutions and thought. Topics will be chosen to illustrate: (1) sources and forms of historical evidence, (2) the use and interpretation of such evidence in historical writing. Emphasis will be placed upon the varied ways in which the age reveals itself to historians. Individual projects and class discussion. Four hours of classroom work per week. *Elective for Sophomores. First semester.*

25S. Topics in the History of Medieval Europe. *4 credit hrs.*
Professors Douglas and Havighurst.

Same course as History 25. *Elective for Sophomores. Second semester.*

28. Modern England. Professor Havighurst. *3 credit hrs.*

A study of some of the fundamental changes in English society and institutions from 1714 to the present. The Georgian society of the mid-eighteenth century will be compared with the Victorian society of the mid-nineteenth. Special attention will be devoted to developments since 1900 Three hours of classroom work per week. *Elective for Sophomores. Second semester.*

41. Russia. Professor Salmon. *3 credit hrs.*

General history of Russia and the Slavs, with emphasis upon recent political and economic development. *Elective for Juniors. First semester.* (*Omitted 1956–57.*)

42. Russia. Professor Salmon. *3 credit hrs.*

A continuation of History 41. *Elective for Juniors. Second semester.* (*Omitted 1956–57.*)

43. Europe in the Nineteenth Century. Professor Halsted. *4 credit hrs.*

An investigation of the character of European society and its dominant intellectual currents in the period 1815–1860, through the analysis of a limited number of selected topics. The last weeks of the semester will be devoted to an intensive study of the revolutions of 1848 and the subsequent reaction. *Elective for Juniors. First semester.*

44. Europe in the Nineteenth Century. Professor Halsted. *4 credit hrs.*

A continuation of History 43. Topics will be selected from the period 1860–1914. The closing weeks will center upon imperialist activity as a reflection of economic developments, of social and international antagonisms, and of changes in European opinion. *Elective for Juniors. Second semester.*

45. The Far East: China and Japan. Mr. Russell. *3 credit hrs.*

An examination of the social and cultural development of China and Japan from antiquity through the 17th century. Political structure will be dealt with as growing out of the civilization of these areas. Three hours of classroom work per week. *Elective for Juniors. First semester.*

46. The Far East. China and Japan. Mr. Russell. *3 credit hrs.*

A continuation of History 45 up to World War II, with special emphasis on the impact of the West on China and Japan. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

47. Seventeenth Century Europe. Mr. Sedelow. *4 credit hrs.*

The social organization, culture, and politics of Europe in the 17th

century, with special reference to the social context of science, and developing forms of governmental and military organization. *Elective for Juniors. First semester.* (*Omitted 1956–57.*)

48. Age of the Enlightenment. Mr. Sedelow. *4 credit hrs.*

Eighteenth century Europe prior to the French Revolution, with special reference to the Rational spirit in social and economic thought, the State-system, and the pre-Industrialized European economy. *Elective for Juniors. Second semester.* (*Omitted 1956–57.*)

49. Two World Wars. *4 credit hrs.*

Three hours of classroom work. *Elective for Juniors. First semester.* (*Omitted 1956–57.*)

50. Two World Wars. *4 credit hrs.*

*Elective for Juniors. Second semester.* (*Omitted 1956–57.*)

51. English History: Tudors and Stuarts. *3 credit hrs.*
Professor Havighurst.

An examination of English society and institutions from 1485 to 1714: the English break with Rome and the Elizabethan Settlement in religion; the Elizabethan Age; development of Puritan thought; constitutional conflicts of the 17th century, with some attention to their social and economic implications. Three hours of classroom work per week *Elective for Juniors. First semester.*

53. Social and Intellectual History of the United States.
Professor Rozwenc. *4 credit hrs.*

The development of American life from the colonial period to the present day with emphasis upon economic influences, racial contributions, religious and educational institutions, humanitarian movements and intellectual currents. Four hours of classroom work per week. *Elective for Juniors. First semester.*

54. Social and Intellectual History of the United States.
Professor Rozwenc. *4 credit hrs.*

Four hours of classroom work per week. *Elective for Juniors. Second semester.*

55. The French Revolution. Professor Salmon. *3 credit hrs.*

Three hours of classroom work per week. *Elective for Juniors. First semester.* (*Omitted 1956–57.*)

56. The Age of Napoleon. Professor Salmon. *3 credit hrs.*

Three hours of classroom work per week. *Elective for Juniors. Second semester.* (*Omitted 1956–57.*)

57. History of Political Thought. Professor Fenno. *4 credit hrs.*

(Same course as Political Science 57.) *Elective for Juniors. Limited to twenty-five students. First semester.*

59. American Political History. Professor Rozwenc. *4 credit hrs.*

This course will deal with the attempts by historians to work out patterns of interpretation for political periods before the Civil War. Four hours of classroom work per week. *Elective for Juniors. First semester.* (*Omitted 1956–57.*)

60. American Political History. Professor Rozwenc. *4 credit hrs.*

The same approach as in History 59 for political history since the Civil War. Four hours of classroom work per week. *Elective for Juniors. Second semester.* (*Omitted 1956–57.*)

61. Foundations of American Civilization. *4 credit hrs.*
Professor Greene.

An analysis of the first five generations of Americans (from early settlers through the Revolutionary generation) with emphasis upon the origins of certain fundamental themes in American history: social classes, immigration, European-American relations, frontier vs. city, science vs. religion, and constitutional democracy. Four hours of classroom work per week. *Elective for Juniors. First semester.*

62. American Diplomatic History. Professor Greene. *3 credit hrs.*

The history of American foreign policy from the American Revolution to the present, with emphasis on the period since 1898. Three hours of classroom work per week. *Elective for Juniors. Second semester.* (*Omitted 1956–57.*)

63. The Renaissance. Professor Douglas. *4 credit hrs.*

The rise of a city-state society in Italy, 1300–1500: forms of power, class structure, humanist thought and the uses of antiquity. Concluding weeks deal with Burgundy and the Netherlands. Four hours of classroom work per week, including a seminar. *Elective for Juniors. First semester.*

64. The Reformation. Professor Douglas. *4 credit hrs.*

Europe in the lifetime of Luther (c. 1485–1555): the institutional complex in the North, "Christian Humanism," the Protestant movements, the Catholic Reformation, aspects of new style in art. Four hours of classroom work per week, including a seminar. *Elective for Juniors. Second semester.*

65. Europe in the Twentieth Century. Professor McKay. *4 credit hrs.*

A study of the central historical currents of our age, with substantial introductory analysis of the background of the late nineteenth century. The course will emphasize intellectual, social, and political factors, with recurrent attention to key figures. It will also assess relevant extra-European developments such as those in the United States and in the colonial empires. Three classroom hours a week, with some group conference work, designed especially for senior honors students. *Elective for Juniors. First semester.*

66. Seminar on the American West. Professor Greene. *4 credit hrs.*

Through weekly discussion and occasional reports this seminar will examine selected readings and topics relevant to understanding the role played by the Western frontier, in American political, social, economic and intellectual development. One two-hour seminar weekly. *Limited to 15 students. Admission by consent of instructor. Elective for Juniors. Second semester.*

67S. Foundations of English Law and the Constitution. *4 credit hrs.*
Professor Havighurst.

Origins of the English Constitution; growth of Common Law; evolution of Parliament; development of Monarchy. Three hours of classroom work per week. *Elective for Juniors; limited to twenty-five students. Second semester.*

68. The History of France and Italy in the Nineteenth Century, 1815–1914. *4 credit hrs.*
Professor McKay.

A study of the interrelated political, economic, social, and intellectual factors in the evolution of French society after the Revolution, and in the Italian Risorgimento, defined in terms of its origins, 1815–1870, and results in the years 1870–1914. Significant parallels and interrelationships in the history of the two countries will be emphasized. *Elective for Juniors. Second semester.* (*Omitted 1956–57.*)

70. Conference Course. Junior Honors. The Department. *6 credit hrs. Elective for Juniors. Second semester.*

71. The Origins and Development of American Nationalism.
Professor Commager. *3 credit hrs.*

The constitutional foundations, the political framework, the economic influences, the institutional growth, the social and cultural characteristics of American nationalism in the years from the Revolution to the Civil War. Three hours of classroom work per week. *Elective for Juniors. First semester.*

79. Conference Course. Senior Honors. *6 credit hrs.*
The Department.
*Elective for Seniors. First semester.*

80. Conference Course. Senior Honors. *6 credit hrs.*
The Department.
Requisite: History 79. *Elective for Seniors. Second semester.*

## *Humanities*

1. Humanities. *2 credit hrs.*

Professor Martin (chairman); Associate Professors Clausen, Epstein and Kennick; Assistant Professors Gould, Halsted, Sanders and Tapp; Messrs. Hofmann, Kulstein, Monas, Randall and Robischon.

A reading course: fairly rapid reading for understanding and enjoyment. The course is intended to serve as a contribution to the student's general education, and the books are chosen to illustrate certain important stages in the development of Western culture. The reading list varies somewhat from year to year, but in general this semester is given over largely to Greek literature and to the Old Testament. The course is conducted in small sections: class discussions, short papers, occasional lectures. Two hours per week. *Required for Freshmen. First semester.*

2. Humanities. *2 credit hrs.*

Professors Martin (chairman) and French; Associate Professors Clausen, Epstein, Kennick and Moore; Assistant Professor Sanders; Messrs. Hofmann, Kulstein, Monas, Randall, Robischon and Russell.

A continuation of Humanities 1. The reading list for this semester includes in general works selected from the medieval, Renaissance and modern periods. Three hours per week. Requisite: Humanities 1. *Required for Freshmen. Second semester.*

21. An Introduction to Music, Fine Arts, and Drama. *4 credit hrs.*

A consideration of the vocabulary, methods, and materials of creative expression in music, fine arts, and drama. The conclusion of the course shows how the three arts reflect the ideals of nineteenth century impressionism. This course is normally requisite for all other courses in dramatic arts and for several courses in fine arts and in music. Three hours of classroom and one hour of laboratory work per week. *Elective for Sophomores. First semester.* (*Omitted 1956–57.*)

22. An Introduction to Music, Fine Arts, and Drama. *4 credit hrs.*

A continuation of Humanities 21. The technical background acquired in Humanities 21 is used in a study of the arts in the Periclean Age, the Age of the Church, the Period of Humanism, the Nineteenth and Twentieth Centuries. Emphasis is placed on the integration of the arts and of the arts with their times. Requisite: Humanities 21. Three hours of classroom and one hour of laboratory work per week. *Elective for Sophomores. Second semester.* (*Omitted 1956–57.*)

23. An Introduction to the Great Novels. Professor Kazin. *2 credit hrs.*

An introduction to the great novels of the world, European, English, American. Foreign works will be read in translation. About seven books will be read in full. The aim of the course is to show the many different kinds of narrative skill that have been brought to the novel. Two hours of classroom work per week. *Elective for Sophomores. First semester.*

## *Italian*

Professor French

1. Elementary Course. Professor French. *4 credit hrs.*

Grammar, pronunciation, oral practice. Three hours per week for explanation and demonstration, three hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

3S. Intermediate Course. Professor French. *4 credit hrs.*

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. Three hours per week for explanation and demonstration, two hours per week in small sections for drill in aural comprehension of the language. *Elective for Freshmen. Second semester.*

21. Readings in Italian Literature from Boccaccio to the Present. Professor French. *4 credit hrs.*

Reading of important works with special attention to the modern period. Requisite: Italian 3. Four hours of classroom work per week. *Elective for Sophomores. First semester.*

22. Dante. Professor French. *4 credit hrs.*

A reading of the *Inferno* and of parts of the *Purgatorio* and *Paradiso.* Special study of the social and political background of the work. Requisite: Italian 21. Special reports and papers. Given in alternate years. Three hours of classroom work per week. *Elective for Sophomores; limited to twenty-five students. Second semester. (Omitted 1956–57.)*

24. The Renaissance. Professor French. *4 credit hrs.*

Origins in Boccaccio's *Decamerone* and in Petrarch's *Canzoniere*. Reading of Cellini's *Vita*, Castiglione's *Cortegiano* and Machiavelli's *Principe* with a study of the social background of the fifteenth and sixteenth centuries in Italy. Special reports and papers. Requisite: Italian 21. Three hours of classroom work per week. *Elective for Sophomores; limited to twenty-five students. Second semester.*

## *Japanese Civilization*

Assistant Professor Cary

21. Contemporary Japanese Problems. Professor Cary. *3 credit hrs.*

An examination of the political, diplomatic, intellectual, economic and social problems confronting Japan today. Three class meetings per week. *Elective for Sopomores. First semester.*

22. Contemporary Japanese Society. Professor Cary. *3 credit hrs.*

A study of the present religious, literary, educational and artistic trends in Japan with some emphasis on the role of the individual, the family and various institutions in a rapidly changing traditional Eastern society as it confronts the West. Three class meetings per week. *Elective for Sophomores. Second semester.*

41. Japanese Studies. Professor Cary. *4 credit hrs.*

This course will emphasize special topics in Japanese civilization, past and present, selected to meet the interests of the students. There will be readings and reports on these special topics. One seminar meeting per week. *Elective for Juniors. Limited to twenty-five students. First semester.*

42. Japanese Studies. Professor Cary. *4 credit hrs.*

Continuation of Japanese Civilization 41. One seminar meeting per week. *Elective for Juniors. Limited to twenty-five students. Second semester.*

## *Legal Studies*

Professors Havighurst, Latham,* Loewenstein† and Ziegler.

25. American Constitutional Development. *4 credit hrs.*
Professor Latham.

The development of American constitutional philosophy since 1787 under three general heads: the Agrarian Constitution, the Laissez-Faire Constitution, and the Welfare Constitution. Topics will include the Mar-

* *Absent on leave 1956–57.*
† *Absent on leave second semester.*

shall and Taney eras, constitutional problems of slavery, the Civil War and Reconstruction, the constitutional foundations of 19th century capitalism, constitutional problems of federal and state regulation, civil liberties in the 20th century, the constitutional crisis of 1935–1937, and current problems of constitutional interpretation. Attention will be given to the judicial philosophies of the Federalist and Jacksonian judges, Field, Miller, Waite, Harlan, Holmes, Brandeis, Hughes, Stone, Black, and Frankfurter. Four hours of classroom work per week. (Same course as Political Science 25.) *Elective for Sophomores. First semester.* (*Omitted 1956–57.*)

42. Administrative Law. Professor Ziegler. *4 credit hrs.*

An introduction to the American system of legal control exercised by other law administering agencies than the courts, with special reference to doctrines developed by the Interstate Commerce Commission, Securities and Exchange Commission, Federal Trade Commission, and the National Labor Relations Board. The course deals with the formulation of legislative purposes and administrative policies; administrative and judicial responsibility for the enforcement of agency programs; and the nature and extent of judicial control over administrative action. (Same course as Political Science 42.) Prerequisite: Political Science 25 or Political Science 41. Three hours of classroom work per week. *Elective for Juniors; limited to twenty-five students. Second semester.* (*Omitted 1956–57.*)

44. International Law. Professor Ziegler. *4 credit hrs.*

The historical basis and present trends in the development of international law will be discussed and related to the social, economic, and political aspects of present day world politics and government. (Same course as Political Science 44.) Four hours of classroom work per week. *Elective for Juniors. Second semester.*

67S. Foundations of English Law and the Constitution. *4 credit hrs.* Professor Havighurst.

Origins of the English Constitution; growth of Common Law; evolution of Parliament; development of Monarchy. (Same course as History 67.) Three hours of classroom work per week. *Elective for Juniors; limited to twenty-five students. Second semester.*

73–74. Introduction to Jurisprudence. *4 credit hrs.* Professor Loewenstein.

A critical examination of the origin, concept and ends of the law; the prominent legal concepts and schools of jurisprudence, and the prevailing forms of the legislative and judicial process, including a comparative analysis of the major systems of law. The course will stress the importance of law and justice as a part of human culture. Requisite: The consent of the

instructor. (Same course as Political Science 73–74.) One three-hour seminar each week. *Elective for Seniors.* (*Omitted 1956–57.*)

## *Mathematics*

Professors Breusch, Brown and Sprague; Assistant Professor Willcox; Mr. Hall.

*Note:* A major in mathematics must elect 3, 23, 31, 32 and either 42 or 48 his senior year. All mathematics courses except 1–2 give major credit.

In addition to the general college requirements, a degree with honors is awarded on the basis of accomplishment in the courses in mathematics required for a major, in the conference course, and in any additional courses prescribed by the Department. A thesis may be required.

The content of the conference course varies from year to year. Topics that have been or may well be given are Complex Variable, Abstract Algebra, Classical Algebra, Algebraic Geometry, Differential Geometry and Topology.

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1. Same course as Science 1A, 1B. *4 credit hrs.*

2. Same course as Science 2A, 2B. *4 credit hrs.*

3. Calculus. Professor Sprague *4 credit hrs.*

Continuous functions, differentiation and integration of trigonometric and logarithmic functions and their inverses, curvature, curvilinear motion, curve tracing, theorem of mean value, formal integration, infinite series, simple partial differentiation. Requisite: Science 1 or its equivalent. Four hours of classroom work per week. *Elective for Sophomores. First semester.*

3S. Calculus. Professor Sprague and Mr. Hall. *4 credit hrs.*

Same description as above. *Elective for Freshmen. Second semester.*

23S. Differential Equations. Professor Willcox. *4 credit hrs.*

Treatment of ordinary differential equations with principal types of first and second order equations, linear equations with constant coefficients, simultaneous equations. Simple partial differential equations. Applications to geometry, physics and other branches of science. Requisite: Mathematics 3. Four hours of classroom work per week. *Elective for Sophomores. Second semester.*

31. Advanced Calculus. Professor Breusch. *4 credit hrs.*

Brief treatment of determinants and solid analytic geometry, partial differentiation, implicit function theory, elements of vector analysis with applications. Requisite: Mathematics 3. Four hours of classroom work per week. *Elective for Sophomores. First semester.*

32. Advanced Calculus. Professor Breusch. *4 credit hrs.*

Multiple integrals, line and surface integrals, transformation of integrals, Fourier series, complex functions. Requisite: Mathematics 31. Four hours of classroom work per week. *Elective for Sophomores. Second semester.*

33. Determinants and Matrices. Mr. Hall. *3 credit hrs.*

Vector spaces; matrices and linear transformations on a vector space; determinants and their role in linear algebra; diagonalization and canonical forms of matrices; some applications to other branches of science. Three hours of classroom work per week. *Elective for sophomores. First semester.*

42. Functions of a Complex Variable. Professor Breusch. *3 credit hrs.*

An introduction to analytic functions. Point sets, complex numbers, derivatives, conformal mapping, integrals. Cauchy's theorems, power series, singularities, Laurent series, analytic continuation, rational, entire, meromorphic and multiple-valued functions, Riemann surfaces. Requisite: Mathematics 31. Three hours of classroom work per week. *Elective for Juniors. Second semester, alternate years.*

43. Theory of Numbers. Professor Willcox. *3 credit hrs.*

An introduction to the theory of rational integers. Divisibility, prime numbers, the unique factorization theorem, congruences, quadratic residues, Fermat's theorem, Diophantine equations. Three hours of classroom work per week. *Elective for Juniors. First semester, alternate years.*

44. Modern Mathematics. Professor Brown. *3 credit hrs.*

A few simple mathematical systems of current interest will be constructed and studied. An exercise in the postulational method. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

46S. Theory of Equations. *3 credit hrs.*

Polynomials, the division transformation, Euclid's algorithm, Horner's method, Sturm functions, solution of the cubic and quartic equations, mathematical induction, complex numbers, determinants, symmetric functions, the resultant, introduction to matrices. Requisite: Mathematics 3 or its equivalent. Three hours of classroom work per week. *Elective for Juniors. First semester, alternate years. Will be given in 1957–58.*

48. Differential Geometry. Professor Sprague. *3 credit hrs.*

An introduction to the differential geometry of curves and surfaces; curvature, torsion, Frenet formulae; curvilinear coordinates, first and second fundamental form, surface curvature, lines of curvature, geodesics, fundamental equations. Requisite: Mathematics 31. Three hours of

classroom work per week. *Elective for Juniors. Second semester, alternate years. Will be given in 1957–58.*

79. Conference Course. Professor Brown. *4 credit hrs.*
*Elective for Seniors. First semester.*

80. Conference Course. Professor Brown. *4 credit hrs.*
*Elective for Seniors. Second semester.*

## *Music*

Professors Mishkin and V. Morgan; Assistant Professor Ludington

*Note:* There are two programs available for students majoring in music.

1. The music major which does not include applied music consists of five required semester courses and at least four other semester courses offered by the Department. The required courses are: Music 25 (or Music 21–22), Music 23–24, and Music 41–42.

2. Since a minimum of four semester courses in applied music is expected, a music major which includes applied music will consist of ten rather than the usual nine semester courses. The following courses are all required: Music 25 (or Music 21–22), Music 23–24, Music 41–42, and two years of Music 29–30.

An individual program will be arranged for each candidate for the degree with honors in music at the beginning of junior year. Concentration may be in advanced theory, music history, or applied music. All honors candidates must elect Music 79–80 and, late in the final semester of senior year, they will be required to take a comprehensive oral examination. Other examinations, essays or recitals will be arranged according to the individual's program.

Music 25 or Music 25S and any other course except 23–24, 29–30, 47–48 may be used in satisfaction of the Sophomore humanities requirement.

21. Same course as Humanities 21. (*Omitted 1956–57.*) *4 credit hrs.*

22. Same course as Humanities 22. (*Omitted 1956–57.*) *4 credit hrs.*

23. Elementary Theory. Professor Mishkin. *4 credit hrs.*
A study of the rhythmic, melodic, and harmonic organization of musical tones with emphasis on the harmonic idiom of the eighteenth century. Triads and their inversions, non-harmonic tones, writing in the style of the Bach chorales, analysis, ear training. Limited to fifteen students. Requisite: ability to play all written work. Three hours of classroom work per week. *Elective for Sophomores. First semester.*

24. Elementary Theory. Professor Mishkin. *4 credit hrs.*
A continuation of Music 23. Seventh chords, secondary dominants,

elementary phrase construction. Limited to fifteen students. Requisite: Music 23. Three hours of classroom work per week. *Elective for Sophomores. Second semester.*

25. An Introduction to Musical Literature. *3 credit hrs.*
Professor V. Morgan

Western music from 1000 A.D. to the present time with emphasis on the eighteenth and nineteenth centuries. No previous study of music is required. *Elective for Sophomores. First semester.*

25S. An Introduction to Musical Literature. *3 credit hrs.*
Professor Ludington.

Same course as Music 25. *Elective for Sophomores. Second semester.*

29. Applied Music. *3 credit hrs.*

Courses are offered in the following branches of applied music: piano, organ, voice, violin, viola, violoncello. These courses may be elected by a limited number of students who satisfy the department, at an audition, that they are prepared to undertake the study of solo music literature of artistic worth. Students will normally be expected to begin their college work in applied music as freshmen or sophomores and to continue this study for two years. During the first two years of study three credit hours will be granted for each semester. Under exceptional circumstances a student may, with permission of the Dean, elect a third year for which there will be two credit hours per semester. No credit is granted for a single semester of applied music.

Students of keyboard and string instruments have one hour of private instruction per week and are required (a) to practice a minimum of nine hours per week, and (b) to elect in sophomore or junior year one other course offered by the department. In addition keyboard students are required to participate in a weekly session of ensemble playing, and string students to attend the weekly rehearsal of the Smith College Orchestra.

Students of voice have one hour of private instruction per week and are required (a) to practice a minimum of eight hours per week. (b) to sing with the glee club and (c) to elect in sophomore or junior year one other course offered by the department.

Private instruction will be given by the College Organist and members of the Departments of Music of Smith College and Mt. Holyoke College. A fee of $75 per semester will be charged to cover this special type of instruction. *Elective for Sophomores and qualified Freshmen with the consent of the Department. First semester.*

30. Applied Music. *3 credit hrs.*

A continuation of Music 29. *Elective for Sophomores and qualified Freshmen with the consent of the Department. Second semester.*

41. Symphonic Music. Professor V. Morgan. *3 credit hrs.*

The development of orchestral literature from Haydn through Brahms; the symphony, concerto, and symphonic poem. Requisite: Music 25 (or Music 21) or the consent of the Department. Three hours of classroom work per week. *Elective for Juniors. First semester.*

42. Music Since 1900. Professor Ludington. *3 credit hrs.*

Modern music in Europe and the United States from Debussy to Stravinsky. Requisite: Music 25 (or Music 21) or the consent of the Department. Three hours of classroom work per week. *Elective for Juniors. Second semester. (Omitted 1956–57.)*

43. Choral Music. Professor Ludington. *3 credit hrs.*

The development of choral composition from Plainsong to the contemporary idioms with emphasis on Bach, Handel and Beethoven. Requisite: Music 25 (or Music 21) or the consent of the Department. Three hours of classroom work per week. *Elective for Juniors. First semester.*

44. Beethoven. Professor V. Morgan. *3 credit hrs.*

A study of the piano, chamber, and orchestral music. Requisite: Music 25 (or Music 21) or the consent of the Department. Three hours of classroom work per week. *Elective for Juniors. Second semester in alternate years. (Omitted 1956–57.)*

45. Bach. Professor Mishkin. *3 credit hrs.*

The Bach style studied in relation to the development of music from 1600. Requisite: Music 25 (or Music 21) or the consent of the Department. Three hours of classroom work per week. *Elective for Juniors. First semester in alternate years. (Omitted 1956–57.)*

46. The Opera. Professor V. Morgan. *3 credit hrs.*

The development of the musical drama with emphasis on a detailed study of operatic types. Representative works by Mozart, Verdi, and Wagner. Requisite: Music 25 (or Music 21) or the consent of the Department. Three hours of classroom work per week. *Elective for Juniors. Second semester in alternate years.*

47. Chromatic Harmony and Analysis. Professor Mishkin. *3 credit hrs.*

A continuation of Music 23–24 with emphasis on the harmonic idioms of the nineteenth and twentieth centuries. Composition in the smaller forms. Requisite: Music 24. Three hours of classroom work per week. *Elective for Juniors. First semester.*

48. Tonal Counterpoint. Professor Mishkin. *3 credit hrs.*

Contrapuntal technique of the eighteenth century, invertible counter-

point, canon, and two part inventions. Requisite: Music 24. Three hours of classroom work per week. *Elective for Juniors. Second semester.*

50. Music of the Romantic Period. Professor V. Morgan. *2 credit hrs.*

A study of the Romantic idiom with special reference to the chamber music, piano music and lieder of Schubert, Schumann, Mendelssohn, Chopin, Liszt, Brahms and Wolf. Requisite: Music 25 (or Music 21) or the consent of the Department. *Elective for Juniors and qualified Sophomores. Second semester in alternate years.*

51. Music in the Elizabethan Age. Professor Mishkin. *2 credit hrs.*

Music in sixteenth century England and its relation to the cultural and social life of the times. No technical knowledge of music is presupposed. Two hours of classroom work per week. *Elective for Juniors. First semester in alternate years.* (*Omitted 1956–57.*)

52. Mozart and the Classical Style. Professor Mishkin. *2 credit hrs.*

A study of the classical idiom with special reference to the instrumental and vocal music of W. A. Mozart. Requisite: Music 25 (or Music 21) or the consent of the Department. *Elective for Juniors and qualified Sophomores. Second semester in alternate years.*

79. Conference Course. The Department. *6 credit hrs.*

Studies in history or advanced theory. *Elective for qualified seniors. First semester.*

80. Conference Course. The Department. *6 credit hrs.*

A continuation of Music 79. *Elective for qualified seniors. Second semester.*

## *Philosophy*

Professor Kennedy; Associate Professors Epstein and Kennick; Assistant Professor Gould; Mr. Robischon.

*Note:* The courses open to Sophomores: Introduction to Philosophical Literature, Ethics, and Logic, may count towards a major in Philosophy. All majors in Philosophy are required to take Philosophy 43 and 44.

Candidates for the degree with honors in Philosophy are required to take the courses numbered 23, 24, 43, 44, 79, and 80, and will elect their further courses with the approval of the Department. Each candidate will write, in conjunction with the conference courses in the senior year, an original essay on a topic which has been approved by the Department. He will take, early in May of senior year, two written and one oral examinations. One written examination will be on the general history of European and American Philosophy. The other written examination will be on some field of philosophy which the candidate may select, with the approval of the Department—metaphysics and philosophy of science,

logic and theory of knowledge, ethics and social philosophy, aesthetics, history and philosophy of religion. The oral examination will be a defense by the candidate of his original essay before a committee of members of the Philosophy and affiliated Departments. Recommendation for the various degrees of honors will be made by the Department on the basis of the original essay and the three examinations.

Majors and majors with honors may also be taken in the following combined fields:

Philosophy and Classics
Philosophy and English
Philosophy and History
Philosophy and Political Science
Philosophy and Psychology
Philosophy and Religion

The selection of courses to constitute such combined majors, the topic for an original essay and the arrangements for comprehensive examinations must in each case be approved by representatives of the two departments concerned. Recommendation for the various degrees with honors will be made by committees composed of members of the two departments concerned.

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21. Introduction to Philosophical Literature. *4 credit hrs.*
Professor Kennick and Mr. Robischon.

Training in the reading of philosophical literature. Classical and contemporary authors, chosen to exemplify the different basic types of philosophical thought, will be discussed. This course may be taken to meet part of the sophomore requirement in connection with the Humanities. Four class hours per week. *Elective for Sophomores. First semester.*

21S. Introduction to Philosophical Literature. *4 credit hrs.*
Professor Epstein and Mr. Robischon.

Training in the reading of philosophical literature. Classical and contemporary authors, chosen to exemplify the different basic types of philosophical thought, will be discussed. This course may be taken to meet part of the sophomore requirement in connection with the Humanities. Four class hours per week. *Elective for Sophomores. Second semester.*

23. Logic and Scientific Method. Professor Epstein. *3 credit hrs.*

The basic character of scientific knowledge; the fundamental principles of inference operative in experimental inquiry; an introductory discussion of representative philosophical interpretations of the foundations of science. Material taken from the physical, biological and social sciences will be treated from the standpoint of three main topics: (1) Concept

formation and formulation of hypotheses, (2) Formal logic and the deductive development of theories, (3) Statistical inference and the verification of hypotheses. (No previous training in the sciences or philosophy is presupposed.) Three class hours per week. *Elective for Sophomores. First semester.*

24. Ethics. Professor Kennedy. *3 credit hrs.*

The bases of morality; theory of the moral life; moral issues involved in social problems. This course may be taken to meet part of the sophomore requirement in connection with the Humanities. Three class hours per week. *Elective for Sophomores. Second semester.*

26. Types of Logical Theory. Professor Epstein. *2 credit hrs.*

A comparative study of the significance for methodology and the theory of knowledge of different types of logical system, together with a critical evaluation of the associated concepts of proof. Two class hours per week. Requisite: Philosophy 23 or consent of the instructor. *Elective for Sophomores. Second semester.*

41. Philosophy of Education. Professor Kennedy. *3 credit hrs.*

A comparative and critical study of contemporary theories of education, in terms both of their historical origins and of current problems and controversies. Three class hours per week. Given in alternate years. *Elective for Juniors. First semester.*

43. History of Ancient and Medieval Philosophy. *4 credit hrs.*
Professor Gould.

A survey of European philosophy from the early Greeks to the end of the Middle Ages, with emphasis on Plato, Aristotle, the Stoics, the Epicureans and some Christian philosophers. Reading and discussion of selected works of the period. Four class hours per week. *Elective for Juniors. First semester.*

44. History of Modern Philosophy. Professor Kennick. *4 credit hrs.*

A survey of European philosophy in the seventeenth, eighteenth, and nineteenth centuries, with emphasis on Descartes, Spinoza, Locke, Hume, and Kant. Reading and discussion of selected works of the period. Four class hours per week. *Elective for Juniors. Second semester.*

45. Philosophy of Religion. Professor Martin. *3 credit hrs.*

(Same course as Religion 45.) An examination of some basic religious concepts in the light of philosophical analysis. Among topics to be considered are the nature and status of religious knowledge, the existence and nature of God, and some religious views of human nature and conduct.

Three class hours per week. *Elective for Juniors. First semester.* (*Omitted 1956–57.*)

47. American Philosophy. Professor Kennedy. *3 credit hrs.*

A study of the modern period in American thought. Reading and discussion of works by Peirce, Royce, James, Santayana, Veblen and Dewey. Three class hours per week. *Elective for Juniors. First semester.*

49. Contemporary Religious Thought. Professor Martin. *3 credit hrs.* (Same course as Religion 49.) *Elective for Juniors. First semester.*

51. Aesthetics. Professor Kennick. *3 credit hrs.*

A comparative and critical examination of the principal theories of the nature of art, the creative process, aesthetic experience, "beauty" or aesthetic value, and of the principles of appreciation and the standards of criticism. Special emphasis is placed upon the thought of modern philosophers and critics. Three class hours per week. *Elective for Juniors. First semester.*

71. Representative Philosophers. Professor Epstein. *4 credit hrs.*

A critical study of not more than three recent philosophers concerned with the foundations of science. Requisite: A grade of B in two semester courses in philosophy. Two class hours per week. *Elective for Seniors; limited to fifteen students. First semester.*

72. Representative Philosophers. Professor Kennedy. *4 credit hrs.*

A critical study of selected writings by Marx, Freud and Dewey with emphasis upon the relevance of their thought to contemporary social and political philosophy. Requisite: a grade of B in two semester courses in philosophy, or the consent of the instructor. One two-hour period per week. *Elective for Seniors; limited to fifteen students. Second semester.*

74. Metaphysics. Professor Kennick. *1 credit hr.*

A comparative and critical examination of some metaphysical concept (e.g., Substance, Event, Time) or of the answers, both classical and modern, to some metaphysical question. This examination will not be made for historical purposes but will presuppose some knowledge of the major figures in the history of philosophy. Requisite: Philosophy 43 and Philosophy 44, or the consent of the instructor. One class hour per week. *Elective for Seniors. Second semester.*

79. Conference Course. The Department. *4–8 credit hrs.*

Required of candidates for honors in philosophy. Detailed outline of thesis and adequate bibliography for project required before Thanksgiving; preliminary version of substantial portion of thesis by end of semester. *Elective for Seniors. First semester.*

80. Conference Course. The Department. *4–8 credit hrs.*

Required of candidates for honors in philosophy. *Elective for Seniors. Second semester.*

## *Physical Education*

Professors Eckley, Lumley, McLaughry, Marsh, and Richardson; Associate Professors McCabe, Rostas and Wilson; Assistant Professors Dunbar, and Gowen; Messrs. Campney and Van Petersilge.

Complete physical examination, physical fitness tests, special exercises for individual development and a program of instruction and participation in team games and sports. *Required for Freshmen and Sophomores and men who have not met the department standards in swimming, fitness, team games, and recreational sports.*

## *Physics*

Professors Arons and Soller; Associate Professors Benson and Nicol; Assistant Professor Towne; Mr. Romer.

Any student considering the possibility of majoring in physics should seek the advice of a member of the physics staff as early as possible in order to plan his program wisely. This program will vary with the student's interest and ability. For example, besides the program intended for those who intend to go on for graduate work, there are other programs more appropriate for students who need a good background in physics either as teacher in secondary schools, or in industry or business on a non-engineering basis. For both rite and honors students, provision is also made for a major in the important and rapidly growing fields of chemical physics or bio-physics, as well as for a pre-medical program.

*Course Requirements*

The following courses are required for all physics majors: Physics 22, 51, 52, 53, Science 43, and in addition to these, certain courses as listed below:

a) *Major (rite):* Either Physics 56 or 77; and Physics 76. The balance of the 30 hours required for any major may be satisfied by any combination of the following: any other physics courses, any course in Astronomy, Mathematics 23, 31, 32; Chemistry 24, 41, 42.

b) *Major with honors:* Physics 54, 75, 76, 79, 80; Mathematics 31, 32. Any student who intends to do graduate work in physics should register for honors work, but the honors program is available to other qualified students as well. It is practically imperative that a student who wishes to do graduate work in physics take courses Physics 51, 52, 53, and 54 in his Junior year, and Physics 75 and 76 in his Senior year.

The aim of honors work in physics is to provide an opportunity for the student to develop under faculty direction his ability and interest in individual investigation, and his skill in experimental or theoretical techniques. The primary fields of experimental research in progress in the department are low temperature physics, nuclear magnetic resonance, and mass spectrometry and oceanography. In addition, however, experimental equipment is available for work in some phases of magnetism, ultrasonics, optics, electronics, and nuclear physics. The student is given facilities to review the literature in the field chosen, to design, construct and assemble his experimental equipment, and to make observations. During the spring, he is required to present his work in the Physics Seminar, and to prepare a thesis, which is due on May 1.

In addition, the honors student is required to take comprehensive examinations, two written and one oral. The first written examination is given at the end of the first semester of the senior year and is designed to test his grasp of fundamental physical principles. The student's achievement on this examination, together with his progress on his honors problem, will determine the advisability of his continuing the honors program. The purpose of the second written examination, which is given during the latter part of May, is to test the student's comprehension of the basic ideas and methods of the more advanced phases of physics. The oral examination by the department is usually primarily on the thesis and allied topics.

The departmental recommendation for the various degrees of honors will be based on the student's record in the Department, the honors work, and the comprehensive examinations.

c) *Major in biophysics or chemical physics:* It is strongly urged that the prospective biophysics or chemical physics major begin planning in his Freshman year, and arrange his program, which is a demanding one, with members of the physics department.

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1. Same course as Science 1. *4 credit hrs.*

2. Same course as Science 2. *4 credit hrs.*

22. Introductory Course. Professors Benson and Soller. *4 credit hrs.*

A course which takes up various blocks of subject matter and essential physical concepts not covered in Science 1, 2. Required for most science majors and all pre-medical students. Mechanics, fluids, thermodynamics, electricity, optics. Emphasis on use of mathematics and solution of problems. Four hours of lectures and class discussions and one laboratory period per week. Requisite: Science 1, 2. *Elective for Sophomores. Second semester.*

22S. Introductory Course. Professors Benson and Soller. *4 credit hrs.*
Same Course as 22. *Elective for Sophomores. First Semester.*

51. Mechanics. Professor Nicol. *3 credit hrs.*

Newtonian dynamics and statics of particles and rigid bodies from a vector point of view. Special emphasis is placed upon a thorough treatment of periodic motion. Three hours of lectures and discussions per week. Requisite: Physics 22, Mathematics 3. *Elective for Juniors. First semester.*

52. Wave Phenomena. Professors Benson and Towne. *4 credit hrs.*

General characteristics of wave motion—the wave equation, energy relationships, diffraction, interference, reflection, refraction and polarization. Each phenomenon will be discussed in the context of either optics or acoustics depending upon the relative importance of its applications in the two fields. Four hours of lectures and problems and one laboratory period per week. Requisite: Physics 51. *Elective for Juniors. Second semester.*

53. Electricity and Magnetism I. Professor Soller. *4 credit hrs.*

Fundamentals of electrical and magnetic measurements, and fundamental direct- and alternating-current theory, including bridge methods and coupled circuits. Three hours of lectures and discussion, and one laboratory period per week. Requisite: Physics 22, Math 3, and concurrent registration in Physics 51, except by special permission of the instructor. *Elective for Juniors. First semester.*

54. Electricity and Magnetism II. Professor Benson. *3 credit hrs.*

Introduction to electromagnetic theory, employing vector methods throughout. Potential theory, electrostatics, electric currents, magnetism, induced emfs, Maxwell's equations, electromagnetic waves, and Poynting's theorem. Three hours of lectures and discussions per week. Requisite: Physics 51, 53, Mathematics 31, 32 (concurrent). *Elective for Juniors. Second Semester.*

56. Electronics. Professor Nicol. *3 credit hrs.*

Characteristics of vacuum and gas filled thermionic tubes, and their application in a variety of circuits, with emphasis on circuits which are important in scientific work, rather than in communication. Two lectures or discussions, and one laboratory period per week. Enrollment in course limited. Requisite: Physics 53 and the consent of the instructor. *Elective for Juniors. Second semester.*

73. Theoretical Physics. Professor Towne. *4 credit hrs.*

Advanced dynamics and quantum mechanics. Lagrangian and Hamiltonian formulations of classical mechanics. Hamilton-Jacobi Theory.

Solution of the Schrodinger wave-equation for simple systems, with emphasis upon interpretation of the results. Four hours of lectures or seminars per week. Requisite: Physics 51 and the consent of the instructor. *Elective for Seniors. First semester.*

75. Thermodynamics. Professor Arons. *4 credit hrs.*

Generalization of the ideas of work, heat, energy. Mathematics of thermodynamics. First and Second Laws with applications to one component systems. Thermodynamic functions as criteria of equilibrium. Interpretation of thermodynamic laws and functions in terms of the behavior of aggregations of atoms and molecules. Requisite: Physics 52, 54. *Elective for Seniors. First semester.*

76. Modern Physics. Mr. Romer. *4 credit hrs.*

The growth of modern views of space, time, matter and radiation. Special theory of relativity, structure of the atom, wave-particle duality of radiation and matter and the evolution of quantum mechanics, nuclear phenomena. The limitations of the classical theories of mechanics and electromagnetism are discussed and emphasis is placed upon the theoretical concepts and models invoked to describe and correlate the experimental observations. Requisites: Physics 52 and 53. *Elective for Seniors. Second semester.*

77. Advanced Laboratory. Mr. Romer. *2 credit hrs.*

An introduction to various techniques and experiments which are basic to advanced work in experimental physics. One four hour laboratory period per week. *Elective for Senior physics majors. First semester.*

79–80. Honors Course. The Department. *6 credit hrs.*

Individual, independent work on some problem, usually in experimental physics. Reading, consultation and seminars, and laboratory work. *Elective for Seniors who have been admitted to the honors program. First and second semester.*

## *Political Science*

Professors Latham*, Loewenstein†, and Ziegler;
Assistant Professors Fenno and Allen;
Messrs. Morrissey and Rosenzweig.

*Note:* Beginning with the class of 1957, a major in political science consists of eight courses in political science. All majors are required to take 21 or 21S, Introduction to Political Science, and 31, American Gov-

* *Absent on leave 1956–57.*
† *Absent on leave second semester.*

ernment. For majors in the Department, 21 or 21S is a prerequisite or corequisite for all courses in the Department. In addition, the Department requires each major to take one of the courses in each of the following fields: Comparative Government, International Law and Relations, and Political Theory. Rite majors must take a seminar course in the Department in either their Junior or Senior year. Students not majors in the Department may take any course in the Department with the consent of the instructor.

The honors program is designed to provide students through advanced work in political science, with the full opportunity for independent research and writing. In addition to the courses prescribed for all majors, honors candidates are required to take 79 and 80, and to prepare a substantial thesis based upon independent research, upon which they will be examined orally. In addition, they will be required to pass a written comprehensive examination on the four fields offered by the Department, in the spring of their Senior year.

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21. Introduction to Political Science. Professor Fenno. *4 credit hrs.*

An analytical treatment of the role of politics in human society. Attention will be given to the theoretical and historical bases of political institutions, the social roots of political behavior, and the characteristics of the political process. Four hours of classrom work a week. Prerequisite or corequisite for all Political Science courses taken by Political Science majors. *Elective for Sophomores. First semester.*

21S. Introduction to Political Science. Professor Fenno. *4 credit hrs.*

Same description as above. Prerequisite or corequisite for all Political Science courses taken by Political Science majors. *Elective for Sophomores. Second semester.*

23. Elements of Modern Politics. Professor Loewenstein. *3 credit hrs.*

A systematic introduction to the understanding of the political process in the modern world and an analysis of the interrelationship of state, government, and people in the formation and exercise of political power. Three hours of classroom work per week. *Students enrolled in this course are required to take Political Science 35 (1 credit hr.). Elective for Sophomores. First semester. (Omitted 1956–57.)*

24. Patterns of Government. Professor Allen. *4 credit hrs.*

A comparative study of the functions, techniques, and institutions of political society as reflected by the different forms of states and government, with special emphasis on the theory and practice of contemporary

democratic and autocratic government. Four hours of classroom work per week. *Elective for Sophomores. Second semester.*

25. American Constitutional Development. *4 credit hrs.*
Professor Latham.

The development of American constitional philosophy since 1787 under three general heads: the Agrarian Constitution, the Laissez-Faire Constitution, and the Welfare Constitution. Topics will include the Marshall and Taney eras, constitutional problems of slavery, the Civil War and Reconstruction, the constitutional foundations of 19th century capitalism, constitutional problems of federal and state regulation, civil liberties in the 20th century, the constitutional crises of 1935–1937, and current problems of constitutional interpretation. Attention will be given to the judicial philosophies of the Federalist and Jacksonian judges, Field, Miller, Waite, Harlan, Holmes, Brandeis, Stone, Black, and Frankfurter. Four hours of classroom work per week. *Elective for Sophomores. First semester.* (*Omitted 1956–57.*)

27. Political Parties. Mr. Rosenzweig and the Department. *4 credit hrs.*

The role of the people, parties and pressure groups in the politics of American democracy. Special attention to: the basic features of American political parties, with European comparisons and contrasts; the work of politicians, bosses and machines; the running of election campaigns; the character and behavior of the electorate; the competition for power among business, labor, agriculture, and the other major organized interests in the community. Three hours of classroom work per week plus participation and further work in political campaigns. *Elective for Sophomores. First semester.*

29. International Politics. Professor Loewenstein. *3 credit hrs.*

A critical analysis of the forces and techniques engaged in the ideological power conflict in the Mid-Twentieth century. The course will deal with the material and psychological elements of national power, the foreign policy of the Great Powers, the role of law, diplomacy and violence in present day world politics, and the prospects of peace or war in a bipolarized world. Three hours of classroom work per week. Students enrolled in this course are required to enroll also in Political Science 35 as a fourth credit hour. *Given in alternate years. Elective for Sophomores. First semester.* (*Omitted 1956–57.*)

31. American Government. Professor Ziegler. *4 credit hrs.*

An introduction to the major problems of American democracy; their political, economic, and social implications and their historical evolution.

Politics and administration in their relation to constitutional government, federalism, suffrage, governmental functions, etc. Required for all majors in the Department. Four hours of classroom work per week. *Elective for Sophomores. First semester.*

35. Issues of International Politics. Professor Loewenstein. *1 credit hr.*

An analysis of relevant topics and currents of contemporary international politics. The selection of the issues will be conditioned by their significance for the conflict between power politics and peaceful cooperation. Lectures and discussion. One hour of classroom work per week. *Elective for Juniors. The course may also be taken by Sophomores simultaneously enrolled in Political Science 23. First semester.* (*Omitted 1956–57.*)

41. The Administration of Public Policy. *4 credit hrs.*
Professor Latham.

An introduction to the problem of bureaucracy in modern government with attention to social factors that shape and condition administrative structures; group behavior in administrative agencies; the theory of organization in its formal and informal aspects; functions of the executive; the management of money and people; the formulation of policy; and the behavior of rival bureaucracies—private and public. Three hours of classroom work per week. *Elective for Juniors. Limited to twenty students. First semester.* (*Omitted 1956–57.*)

42. Administrative Law. Professor Ziegler. *4 credit hrs.*

An introduction to the American system of legal control exercised by other law administering agencies than the courts, with special reference to doctrines developed by the Interstate Commerce Commission, Securities and Exchange Commission, Federal Trade Commission, and the National Labor Relations Board. The course deals with the formulation of legislative purposes and administrative policies; administrative and judicial responsibility for the enforcement of agency programs; and the nature and extent of judicial control over administrative action. Three hours of classroom work per week. Prerequisite: Political Science 25 or Political Science 41. *Elective for Juniors. Limited to 25 students. Second semester.* (*Omitted 1956–57.*)

44. International Law. Professor Ziegler. *4 credit hrs.*

The historical basis and present trends in the development of international law will be discussed and related to the social, economic, and political aspects of present day world politics and government. Four hours of classroom work per week. *Elective for Juniors. Second semester.*

45. Comparative Political Institutions. *4 credit hrs.*
Professor Loewenstein.

A pragmatic approach to the causes and manifestations of the present world revolution, focusing on the political transformation under way in the various states and on the correlation of social structure and political organizations. Major attention will be paid to important political documents. One three-hour seminar each week. *Elective for Juniors with the consent of the instructor; limited to fifteen students with the consent of the instructor. First semester.* (*Omitted 1956–57.*)

46S. The Organization of the International Society. *4 credit hrs.*
Professor Loewenstein.

A study of the political, economic, and social forces shaping international relations and their attempted solutions through international organization, with special emphasis on the United Nations and other methods of international cooperation. The course will be geared as closely as possible to current developments on the international scene. One three-hour seminar each week. *Elective for Juniors with the consent of the instructor; limited to fifteen students. First semester.*

48. Problems in Public Administration. Mr. Morrissey. *4 credit hrs.*

Selected topics in the politics of public administration. One two-hour classroom meeting a week. *Elective for Juniors. Limited to twenty-five students with the consent of the instructor. Second semester.*

50. Structure and Process of State and Local Government. Mr. Rosenzweig. *3 credit hrs.*

Development and philosophy of the American federal system; constitutional bases of state and local government; state and local administrative problems; formal and informal distribution of political power in local communities. Three hours of classroom work a week. *Elective for Juniors. Second semester.*

55. American Political Theory. Professor Fenno. *3 credit hrs.*

A survey of major ideological conflicts in American thought from colonial times to the present, with emphasis upon the evolving concept of American democracy. Special attention to democratic and anti-democratic assumptions embodied in radical, liberal, conservative, and socialist theories of state and society as they have appeared in America. Where appropriate, the relation between American and European political theory will be considered. Alternates with Political Science 27. Three hours of classroom work per week. *Elective for Juniors with the consent of the instructor. First semester.* (*Omitted 1956–57.*)

57. History of Political Thought. Professor Fenno. *4 credit hrs.*

Problems of political thought from the Greeks to the nineteenth century. Three hours of classroom work per week. *Elective for Juniors. Limited to twenty-five students. First semester.*

58. Modern Political Theory. Professor Fenno. *4 credit hrs.*

The mainstream of political thought, European and American, in the nineteenth and twentieth centuries: liberalism, conservatism, democracy, socialism, communism, fascism, the recent controversy over economic planning and economic reconstruction for democratic survival. Four hours of classroom work per week. *Elective for Juniors. Second semester.*

71S. Public Opinion and Propaganda. Mr. Rosenzweig. *4 credit hrs.*

A study of the role and influence of public opinion and propaganda in democratic and totalitarian political systems. Topics will include the place of public opinion in political theory, propaganda warfare in international politics, party propaganda in American campaigns and elections, the activities of the opinion industries, the public relations of business, religious, farm, labor, and patriotic organizations, public opinion measurement and censorship. Four hours of classroom work per week. *Elective for Juniors. Second semester.* (*Omitted 1956–57.*)

73–74. Introduction to Jurisprudence. *4 credit hrs.*
Professor Loewenstein.

A critical examination of the origin, concept and ends of the law; the prominent legal concepts and schools of jurisprudence, and the prevailing forms of the legislative and judicial process, including a comparative analysis of the major systems of law. The course will stress the importance of law and justice as a part of human culture. Requisite: The consent of the instructor. One three-hour seminar each week. *Elective for Seniors.* (*Omitted 1956–57.*)

79–80. Honors Course. The Department. *6 credit hrs.*

*Elective for Seniors who have satisfied the necessary requirements. First and second semesters.*

## *Psychology*

Professor Koester; Associate Professor Coplin;
Assistant Professors Grose and Birney; Mr. Moser.

A major in psychology consists of either (1) thirty credit hours of work in psychology, or (2) a combination of twenty-two hours in psychology and eight hours in related fields.

Interdepartmental majors may be elected in psychology-biology and psychology-philosophy.

Honors work in the department consists of the following: 1) in his junior year the student prepares himself for psychological research by taking the junior honors course designed for this purpose; 2) in his senior year the student undertakes a research project and participates in a seminar designed to broaden his understanding of psychological analysis and findings. *Psychology 21 must be elected in the sophomore year by the student planning to do honors work in the department.*

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21. Introduction to Psychology. Professor Koester. *4 credit hrs.*

An analysis of human behavior and experience in terms of concepts and general principles formulated on the basis of findings obtained by a variety of psychological methods. One of the major objectives of the course is the introduction of the student to procedures that are being used in the attempt to develop a scientific body of psychological knowledge. Emphasis will be placed upon the contributions of psychology to an understanding of those factors which significantly influence the development of human personality. Three class meetings per week and laboratory sessions. *Elective for Sophomores. First semester.*

21S. Introduction to Psychology. Professor Koester. *4 credit hrs.*

Same course as Psychology 21. *Elective for Sophomores. Second semester.*

22. Social Psychology. Professor Birney. *3 credit hrs.*

A psychological analysis of man's behavior with emphasis upon social influences. Attention will also be given to various aspects of group behavior. Three class meetings per week. Requisite: Psychology 21. *Elective for Sophomores. Second semester.*

24S. Developmental Psychology. Professor Birney. *3 credit hrs.*

A study of the development of the most important aspects of behavior from birth to old age. The typical course of development and the factors which influence development are considered concurrently. Major emphasis is placed on problems of development in childhood and adolescence. Three class meetings per week. Requisite: Psychology 21. *Elective for Juniors. First semester.*

41. Abnormal Psychology. Professor Coplin. *3 credit hrs.*

A study of the major classes of psychological disorder, based on experimental and clinical findings. Particular attention is given to the causes and underlying mechanisms of the various abnormalities. Three class

meetings per week. Requisite: Psychology 21. *Elective for Juniors. First semester.*

42S. Educational Psychology. Professor Grose. *3 credit hrs.*

A psychological analysis of the educational process. The course is designed both for the prospective teacher and those who have a general interest in the field of education. One two-hour seminar per week. Requisite: Psychology 21. *Elective for Juniors with the consent of the instructor. Limited to fifteen students. First semester.*

44. Psychological Tests and Measurements. *3 credit hrs.*
Professor Grose.

An introduction to the basic principles of psychological tests and measurements used in research and in various areas of applied psychology. Attention will be given to the construction, administration, and interpretation of representative group and individual tests of intelligence, personality, aptitude, and achievement. Two class meetings and one laboratory session per week. Requisite: Psychology 21. *Elective for Juniors. Second semester.*

45. Experimental Design and Statistical Analysis. *3 credit hrs.*
Mr. Moser.

A study of basic considerations concerning the design of psychological experiments and an introduction to the statistical methods commonly employed in the analysis of psychological research data. Three class meetings per week. Requisite: Psychology 21. *Elective for Juniors. First semester.*

46. Psychology of Personality. Professor Birney. *4 credit hrs.*

An advanced course in the study of current research in the area of personality studies. Emphasis will be placed on the critical evaluation of research techniques and findings. Requisites: Psychology 21, 24, and one additional three- or four-credit hour course in Psychology. *Elective for Juniors with the consent of the instructor. Limited to fifteen students. Second semester.*

48. General Psychology. Mr. Moser. *4 credit hrs.*

A study of selected problems in the field of general psychology with emphasis upon major experimental findings and general principles. The problems will be selected from areas such as sensation, perception, motivation, learning, etc. Some attention will be given to the neural foundations of psychological activity. Three class meetings and one laboratory session per week. Requisite: Psychology 21. *Elective for Juniors. Second semester.*

50S. Culture and Personality. Professor Koester. *3 credit hrs.*

An analysis of anthropological and psychological contributions related to the culture concept and the role of cultural factors in the shaping of human behavior and experience. A brief introduction will be given to the problems and methods of social and cultural anthropology, and special emphasis will be placed upon significant cultural uniformities and diversities. Three class meetings per week. *Elective for Juniors. First semester.*

51. Psychological Viewpoints and Theory. *4 credit hrs.*
Professor Koester.

A study of significant viewpoints concerning objectives and methods of psychological investigation and an analysis of important theoretical contributions to an understanding of behavior and experience, including a systematic survey of psychoanalytical concepts. One two-hour seminar each week. Requisite: Psychology 21. *Elective for Juniors with the consent of the instructor. Limited to fifteen students. First semester.* (*Omitted 1956–57.*)

70. Junior Honors. Professor Koester. *2 credit hrs.*

A weekly analysis of selected research findings with special emphasis upon the design and interpretation of research projects and the discovery of new research possibilities. In addition, the student will be expected to formulate a research project and to present plans for undertaking the project during his senior year. Requisites: Psychology 21, 45. *Elective for Juniors. Second semester.*

72. Marriage and the Family. Professor Coplin. *1 credit hr.*

An introduction to marriage and the family with emphasis upon psychological, biological, and sociological findings. One class meeting per week. *Elective for Seniors. Second semester.*

74S. Selected Problems in Psychology. Professor Birney. *4 credit hrs.*

This course is designed solely for the senior who majors in psychology without honors. Each student will be expected to read extensively with reference to some selected problem area in psychology and to write a paper summarizing his findings. Periodic meetings of the group will be held for the twofold purpose of providing assistance in techniques of dealing with a problem and obtaining progress reports. An oral examination will be given after the paper is submitted. Requisite: 15 credit hours of work in Psychology. *Elective for Seniors. First semester.*

79–80. Senior Honors. The Department. *6 credit hrs.*

The student undertakes an individual research project. A substantial amount of preliminary data must be obtained during the first semester.

The project is completed during the second semester. In addition, honors students participate in a seminar designed to broaden their understanding of psychological analysis and findings. *Elective for senior honors students. First and second semesters.*

## *Public Speaking*

Professor GARRISON

*Note:* Public Speaking 42 and 44 may be elected by students who have not taken Public Speaking 41 and 43.

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21. FUNDAMENTALS OF ORAL EXPRESSION. *1 credit hr.*
Professor GARRISON.

One hour of classroom work per week. *Required of Sophomores. First semester.*

22. FUNDAMENTALS OF ORAL EXPRESSION. *1 credit hr.*
Professor GARRISON.

One hour of classroom work per week. *Required of Sophomores. Second semester.*

41. EXTEMPORANEOUS SPEAKING; TECHNIQUES AND TYPES OF SPEAKING. PSYCHOLOGY OF PERSUASION. *3 credit hrs.*
Professor GARRISON.

Requisite: A grade of "B" in Public Speaking 21–22 and the consent of the instructor. Three hours of classroom work per week. *Elective for Juniors; limited to thirty students. First semester.* (*Omitted 1956–57.*)

42. EXTEMPORANEOUS SPEAKING; TECHNIQUES AND TYPES OF SPEAKING. PARLIAMENTARY PROCEDURE. *3 credit hrs.*
Professor GARRISON.

A continuation of Public Speaking 41. Three hours of classroom work per week. *Elective for Juniors; limited to thirty students. Second semester.* (*Omitted 1956–57.*)

43. ARGUMENTATION AND THE FORMS OF PUBLIC ADDRESS. *4 credit hrs.*
PARLIAMENTARY PROCEDURE.
Professor GARRISON.

A critical study of techniques effective in persuasion; oral and written composition. Requisite: A grade of "B" in Public Speaking 21–22 and the consent of the instructor. Three hours of classroom work per week. *Elective for Juniors; limited to fifteen students. First semester.*

44. Argumentation and the Forms of Public Address. *4 credit hrs.*
Professor Garrison.

A study of the application of behavioristic and Aristotelian techniques; oral and written composition. Three hours of classroom work per week. *Elective for Juniors; limited to fifteen students. Second semester.*

## *Religion*

Professor Martin and Assistant Professor Sanders.

All courses in religion may count towards a major, which shall consist of Religion 21, 22, Introduction to Religion, and six additional semester courses in religion or related studies approved by the Department.

Of these six additional courses at least three must be courses in religion, and it is recommended that they include Philosophy 43, 44, History of Philosophy.

Students definitely committed to a pre-theological course are not encouraged to major in religion, though they should take at least one basic course in the field.

Honors in religion shall consist of the Conference Course Religion 79, 80 taken in conjunction with a major in religion; satisfactory fulfillment of the general honors requirements of the college; satisfactory performance in written comprehensive examinations on the general history of religious traditions and on Bible, Philosophy of Religion, or some other area of special interest to the student; and the preparation and oral defense of a scholarly essay on a topic approved by the Department.

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21. Introduction to Religion. Professor Martin. *4 credit hrs.*

The origins and nature of religion. Basic beliefs and practices of Confucianism, Hinduism, Buddhism, Judaism, and Islam as reflected in their scriptures and institutions. May be elected to fulfill part of the Humanities requirement. Four hours of classroom work per week. *Elective for Sophomores. First semester.*

22. Introduction to Religion. Professor Martin. *4 credit hrs.*

The Christian heritage as reflected in the New Testament and the Christian classics. Basic Catholic and Protestant doctrines and practices. Religion and the modern mind: modernism, humanism, and the new orthodoxy. May be elected to fulfill part of the Humanities requirement. Four hours of classroom work per week. *Elective for Sophomores. Second semester.*

23. The Old Testament. Professor Sanders. *4 credit hrs.*

Foundations of the Hebrew-Christian tradition in the literature and

life of the Old Testament. May be elected to fulfill part of the Humanities requirement. Four hours of classroom work per week. *Elective for Sophomores. First semester.*

24. The New Testament. Professor Sanders. *4 credit hrs.*

Foundations of the Christian tradition in the literature and life of the New Testament. May be elected to fulfill part of the Humanities requirement. Requisite: Religion 21 or 23, or consent of the instructor. Four hours of classroom work per week. *Elective for Sophomores. Second semester.*

45. Philosophy of Religion. Professor Martin. *3 credit hrs.*

An examination of some basic religious concepts in the light of philosophical analysis. Among topics to be considered are the nature and status of religious knowledge, the existence and nature of God, and some religious views of human nature and conduct. Three hours of classroom work per week. *Elective for Juniors. First semester.* (*Omitted 1956–57.*)

48. Religion in American Culture. Professor Sanders. *3 credit hrs.*

A survey of the main religious traditions of America from Colonial times to the present, emphasizing the interaction of the churches and their environment and showing the role of religion in the development of American culture. *Elective for Juniors. Second semester.* (*Omitted 1956–57.*)

49. Contemporary Religious Thought. Professor Martin. *3 credit hrs.*

Analysis and comparison of the views of selected contemporary theologians and religious philosophers. (Same course as Philosophy 49.) Three hours of classroom work per week. *Elective for Juniors. First semester.*

52. Christianity in Modern Western Culture. *4 credit hrs.*
Professor Sanders.

A rapid survey of Christianity from the Treaty of Westphalia to the Second World War, stressing the relation of Christian faith to state, society and culture in the Western world. Attention will center upon selected problems which will be studied by means of individual research and group discussion. *Elective for Juniors. Limited to 25 students. Second semester.*

79. Conference Course. The Department. *4–8 credit hrs.*

Selected topics of study; required of candidates for honors in religion. Detailed outline of thesis and adequate bibliography for project required before Thanksgiving; preliminary version of substantial portion of thesis

by end of semester. *Elective for Seniors with the consent of the instructors. First semester.*

80. Conference Course. The Department. *4–8 credit hrs.*

Selected topics of study; required of candidates for honors in religion. *Elective for Seniors with the consent of the instructors. Second semester.*

## *Science*

Science 1. Professors Arons and Brown in charge. *4 credit hrs.*

A course in physical science and mathematics. The objectives of the course are: to show what is meant by a scientific concept and how scientists construct a conceptual scheme to obtain a deeper understanding of physical phenomena; to show how scientists work and reason and how such reasoning has led to discoveries which have influenced the development of our culture and the outlook of man toward the world around him; to impart some knowledge of physical laws and phenomena, particularly those which affect our everyday lives and actions.

To achieve these ends, no attempt is made to cover a wide range of subjects in the fields of physics and mathematics; rather, a limited number of subjects is studied with some care, so as to develop a more profound understanding than would otherwise be possible.

In physics, topics are selected from mechanics in such a way as to develop an understanding of the ideas which led to Newton's formulation of the laws of mechanics and the theory of gravitation and thence to indicate the impact which the Newtonian synthesis has had on the subsequent development of science and philosophy. Selected topics from electricity and optics are then introduced and, combined with the previously developed topics in mechanics, are used to show how we have arrived at our present conception of the structure of matter.

In mathematics, topics are selected from analytic geometry and calculus in such a way as to show how this science has arisen as a powerful independent discipline and how its tools, in turn, have profoundly influenced the development of physical science.

Mathematics, two hours; Physics, two hours; Laboratory, two hours. *Required for Freshmen. First semester.*

Science 2. Professors Arons and Brown in charge. *4 credit hrs.*

The second semester of the course outlined above under Science 1.

Mathematics, two hours; Physics, three hours; Laboratory, two hours. *Required for Freshmen. Second semester.*

Staff Professors Arons, Benson, Breusch, Brown, Nicol, Scott, Soller, Sprague, Towne, and Willcox; Messrs. Hall and Romer.

21. Chemistry-Biology Sequence. Chemistry. *4 credit hrs.*
Professors Beebe, Grahame, Robison, Scott, and Whitney.

A study of substances, their structure, their properties and the reactions by which they are converted into other substances. Attention is given to the orientation of chemistry toward physics, biology and the other related sciences. Three hours classroom and four hours laboratory work per week. (Same course as Chemistry 21.) Requisite: Science 2. *Elective for Sophomores. First semester.*

22. Chemistry-Biology Sequence. General Biology. *4 credit hrs.*
Professors Kidder and Yost.

An introduction to biological principles integrated with the first semester chemistry which is arranged as part of a program of liberal study. Four classroom hours and two hours of laboratory work per week. (Same course as Biology 22.) *Elective for Sophomores. Second semester.*

23–24. Evolution of the Earth and Man. *4 credit hrs.*
Professors Wood (Chairman), Bain, Brophy, Ellis, Hexter, Linnell, Plough, Schottè, and Yost; Mr. Webb

A review of the evolution of the earth and the changing landscape, particularly in relation to the appearance and history of living organisms. This leads to a study of the appearance of the human line, and the evolution of man with his developing cultures. Four classroom hours and two hours laboratory work per week. Satisfactory completion of Science 23–24 counts as one semester of Biology for requirements of the Biology Department. Completion of Science 23 with a grade of 80 or more is considered equivalent to Geology 21 for the requirements of the Geology Department. (Same course as Biology 23–24.) *Elective for Sophomores. First and second semesters.*

43. Introduction to Analysis of Data and Design of Experiment.
Professor Arons. *1 credit hr.*

A series of lectures intended for all students in natural sciences (including pre-medical study), designed to give such students an awareness of the available objective methods of constructing experiments and interpreting experimental results. Specific illustrations will be taken from physical science, biology, psychology, and medical research. Elementary theory of errors. Confidence limits and tests for significant differences between experimental results. Testing hypotheses. Design of experiments. Calculus, at the level developed in Science 1, 2, is utilized throughout. *Elective for Juniors. First semester.*

## *Spanish*

Associate Professor JOHNSON; Mr. MAZZARA;
Assistants: Messrs. HERNÁNDEZ and ZAVALA.

*Note: Major with honors.* The honors major consists primarily in a program of extensive reading in the major authors of the last four centuries, and is intended also to provide a general knowledge of the development of Spanish literature since the end of the Middle Ages. Candidates will normally take the courses numbered 7, or 7S, 10, 21, 22, 25, 26, 42, 79, 80. In exceptional cases and with the consent of the Department, a related course in another department may be substituted for the eighth course in Spanish. All course elections are made in consultation with a representative of the Department, and the course program may be adjusted in special cases. At the end of the final semester each candidate will take two three-hour examinations, one consisting mainly of essay questions (to one of which the answer must be written in Spanish), the other involving critical interpretation of text. Recommendations for the various grades of degree with honors will be made on the basis of (1) the honors examinations, (2) the student's work in courses 79 and 80, (3) his general average in all his work in the department.

*Major for students not candidates for the degree with honors.* The major must include thirty credit hours, not counting courses 1 and 3. Six of these credits may be in approved courses outside the Department.

*Combined major in two languages.* For a student whose primary language is Spanish, the major must include twenty credit hours in Spanish, not counting courses 1, 3 and 5; in the second language it must include ten credit hours, of which at least three must deal with literature.

*Requirements for Sophomores in Humanities.* The following courses are approved as satisfying the Humanities requirement in sophomore year. Any course or combination of courses (numbered above 5, except Spanish 10) giving 4 credit hours.

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1. ELEMENTARY COURSE. *4 credit hrs.*
Mr. MAZZARA and Assistants.

Grammar, pronunciation, oral practice. This course will meet three hours per week for explanation and demonstration, and four hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

3. INTERMEDIATE COURSE. *4 credit hrs.*
Mr. MAZZARA and Assistants.

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. This course will meet three hours per week for explanation and demonstration, and three hours per week in small sections

for drill in aural comprehension of the language. Assignment to this course will be made on the basis of the score in the CEEB Achievement Test. *Elective for Freshmen. First semester.*

3S. Intermediate Course. Mr. Mazzara and Assistants. *4 credit hrs.*

Same description as above. Requisite: Spanish 1, or the equivalent. *Elective for Freshmen. Second semester.*

5. Advanced Course. *4 credit hrs.*

Professor Johnson and Assistants.

The purpose of this course is to complete the student's training in fluent reading and in oral comprehension. Reading of significant works from the modern period. Three hours per week in class, and three hours per week in small sections. Stress will be placed on the acquisition of aural comprehension of the language and oral practice. Conducted as far as possible in Spanish. Requisite: A satisfactory score in the CEEB Achievement Test, or Spanish 3, or the equivalent. *Elective for Freshmen. First semester.*

5S. Advanced Course. Mr. Mazzara and Assistants. *4 credit hrs.*

Same description as above. Requisite: A satisfactory score in the CEEB Achievement Test, or Spanish 3, or the equivalent. *Elective for Freshmen. Second semester.*

7. Introduction to Hispanic Civilization. *4 credit hrs.*

Professor Johnson.

This course will meet four hours per week: three hours for the reading and discussion of selected texts. One hour in small sections for oral and aural practice in the active use of the Spanish language. Requisite: satisfaction of the language requirement. *Elective for Freshmen. First semester.*

7S. Introduction to Hispanic Civilization. *4 credit hrs.*

Professor Johnson.

Same description as above. Requisite: satisfaction of the language requirement. *Elective for Freshmen. Second semester.*

10. Advanced Composition and Conversation. *4 credit hrs.*

The Department.

Practice in conversation, free composition and set translation into Spanish; oral reports on selected topics. This course is designed primarily for those who wish to perfect their command of Spanish. Requisite: the consent of the instructor. Three class and two laboratory hours per week. *Elective for Freshmen. Second semester in alternate years.* (*Omitted 1957–58.*)

21. Readings in Spanish Literature since 1800. *4 credit hrs.*

This course will meet three times a week to study approximately six

representative novels and plays and some poetry, and their relation to the main literary trends of recent times. Limited to 25 students. Requisite: satisfaction of the language requirement. *Elective for Sophomores. First semester in alternate years.* (*Omitted 1956–57.*)

22. Readings in Spanish American Literature since 1800. *4 credit hrs.* Professor Johnson.

This course will meet three times a week to study selected works of outstanding merit and their relation to the development of Spanish American culture. Limited to 25 students. Requisite: satisfaction of the language requirement. *Elective for Sophomores. Second semester in alternate years.* (*Omitted 1956–57.*)

25. Golden Age Prose, Poetry, and Drama. Mr. Mazzara. *4 credit hrs.*

This course will meet three hours per week for reading in such authors as Juan Manuel, Garcilaso, Fray Luis de León, Quevedo, Góngora, Lope de Vega, Tirso de Molina, Calderón. Recommended for students planning to take the Cervantes course. Limited to 25 students. Requisite: satisfaction of the language requirement. *Elective for Sophomores. First semester in alternate years.* (*Omitted 1957–58.*)

26. Cervantes. Professor Johnson. *4 credit hrs.*

This course will meet three hours per week to study the major prose works of Cervantes and their relation to the Golden Age. Emphasis on *Don Quijote de la Mancha.* Limited to 25 students. Requisite: satisfaction of the language requirement. *Elective for Sophomores. Second semester in alternate years.* (*Omitted 1957–58.*)

27. Hispanic Authors. Professor Johnson. *1 credit hr.*

In 1956–57 Federico García Lorca and the Spanish Ballad will be studied. Requisite: the permission of the instructor. *Elective for Sophomores. First semester.*

28. Hispanic Authors. Mr. Mazzara. *1 credit hr.*

In 1956–57 Pío Baroja will be studied. Requisite: the permission of the instructor. *Elective for Sophomores. Second semester.*

42. Advanced Readings in Spanish Literature. *2–4 credit hrs.* The Department.

The content of this course will be determined each year by the student in consultation with the Department. Students with special interests are invited to consider the possibilities of this course. Requisite: the consent of the Department. *First and Second semesters.*

79–80. Conference Course for Honors Candidates. *4 credit hrs.*

# III

## *Lectureships, Honors, Fellowships, Prizes and Awards*

# Lectureships

### The Henry Ward Beecher Lectureship

This lectureship fund of $10,000 was founded by the late Frank L. Babbott, LLD., of the Class of 1878, in honor of Henry Ward Beecher, of the Class of 1834. The incumbent is appointed biennially by the Faculty for supplementary lectures in the departments of history and the political, social, and economic sciences.

### The Clyde Fitch Fund

A fund of $20,000 was established by Captain and Mrs. W. G. Fitch of New York in memory of their son, Clyde Fitch, of the Class of 1886. The income of this fund is to be used for the furtherance of the study of English literature and dramatic art and literature. The whole or part of this income is usually devoted to the remuneration of an eminent lecturer, who may also take a part in the regular instruction of the College.

### The John Woodruff Simpson Lectureship

A fund now amounting to $195,800 was established in memory of John Woodruff Simpson, of the Class of 1871, by his wife and daughter. The income is to be used for fellowships and "to secure from time to time, from England, France or elsewhere, scholars for the purpose of delivering lectures or courses of instruction at Amherst College."

### The Reynolds Fund

A fund now amounting to approximately $148,000 was established by the late George W. Reynolds of the Class of 1877. Part of the income is accumulated each year and added to the fund. The remainder is available for lectures at the College in the fields of religion and of science.

### The Charles E. Merrill Lectureship

An expendable fund of $10,000 was given by Charles E. Merrill of the Class of 1908 for a series of lectures and formal discussions on applied economics. Upon delivery, these lectures become the property of Amherst College for publication.

As in previous college years, a number of Merrill Lecturers will be brought to the College during 1956–1957 from the fields of government, business, labor, and agriculture.

# Honors

## THE PHI BETA KAPPA SOCIETY

The students elected to membership in this honor society are those of highest standing and are normally candidates for the degree with honors. A preliminary election of outstanding students occurs at the end of the first semester of Junior year; and further elections occur at the end of the first semester and at commencement time of Senior year. Membership in the society is extended to about a tenth of the students in each class.

*Officers*

*President:* ANTHONY SCENNA, '27
*Vice President:* MYRON P. GILMORE, '32
*Secretary-Treasurer:* MURRAY B. PEPPARD, '39
*Undergraduate President:* ROBERT REILLY STRAND, '57
*Undergraduate Secretary-Treasurer:* RICHARD ALAN WASSERSTROM, '57

*First Election, Class of 1957*

James Frederick Mollenauer
Robert Reilly Strand
Richard Alan Wasserstrom

*Second and Third Elections, Class of 1956*

Alexander Constantine Angelides
James Clark Blackburn
Matthew Alan Budd
Jerry Albert Cogan, Jr.
Steven Ilsley Davis
Kenneth Robert Eisold
Richard Paul Hauser
Charles Bruce Hochman
Roland Gilbert Kallen
Susumu Kawanishi
Elliott Naren Lang
Charles Nelson Leach, Jr.
Arthur Allen Leff
Hans Peter Lie
Edgar Eugene Magee, Jr.
Irvine George Milheim
Joseph John Moldenhauer
Edward John Nygren
Fritz Franz Klaus Ringer
Florian Peter Sabey
John Butler Schwemm
Joseph Lyons Snider, Jr.
Jerome Saul Sowalsky
Russell Goodrich Traub
Robert King Warburton
James Justesen White

## THE SOCIETY OF THE SIGMA XI

Sigma Xi, the National Honorary Scientific Research Society, was founded in 1886; the Amherst Chapter was installed March 23, 1950. The Society has as one of its purposes to give recognition to those students, members of the faculty, and research associates who have demonstrated ability to carry on constructive scientific research or who show definite promise of research ability. Other functions are the maintenance of companionship among investigators in the various fields of science, the holding of meetings for the discussion of scientific subjects, and the fostering of an interest in scientific research in the College.

Undergraduates, masters candidates, and others who show definite promise of research ability may be recommended to associate membership by the departments concerned. In the case of undergraduates, nomination will be given only to those students whose promise of research ability would warrant recommendation for at least a degree *magna cum laude* (entirely aside from the question of grades). At present the chapter has a total membership of some 95 faculty and students.

*Officers*

*President:* Professor THEODORE KOESTER
*Vice-President:* Professor GEORGE W. KIDDER
*Secretary-Treasurer:* Professor JAMES NICOL

*Initiates—1956*

*To Full Membership*

Doris M. Banks
Maxwell R. Banks
Eric R. Camplin
Margaret R. Roberts
Robert H. Romer
Alfred Saenger

*To Associate Membership*

Alexander C. Angelides
Matthew A. Budd
Jerry A. Cogan, Jr.
Richard A. Doherty
William Elton
Roland G. Kallen
Charles N. Leach
Hans P. Lie
Irvine G. Milheim, Jr.
Minna B. Rotheim
William L. Salot
Joseph L. Snider
Thomas A. Spencer, Jr.
Robert C. Y. Ting
Robert K. Warburton

## THE BOND FIFTEEN

From the fifteen Seniors who have attained the highest general standing at the end of the first semester of senior year, two speakers are selected upon the basis of literary and oratorical merit to deliver orations at the Class Day Exercises. The Bond Prize of one hundred dollars is awarded to the speaker who delivers the best oration.

*The Bond Fifteen, 1956*

Robert Markham Ball
Crayton Ward Bedford
Matthew Alan Budd
Charles Bruce Hochman
Robert Ross Holloway
Susumu Kawanishi
Arthur Allen Leff
Joseph John Moldenhauer
Van Doorn Ooms
John Butler Schwemm
Alfred Soman
Thomas Ancrum Spencer, Jr.
Russell Goodrich Traub
William Lawrence Velton
Robert King Warburton

# Fellowships

The College's funds for fellowships aggregate $497,000. From the income of these funds fellowships are awarded annually to graduates of Amherst College, and in some instances to graduates of other colleges, for study in graduate or professional schools. Applications should be made in writing to the Dean before March first.

*The names of those to whom fellowships have been awarded for the current year will be found on page 14.*

## The Amherst Memorial Fellowships for the Study of Social, Economic, and Political Institutions, and for Preparation for Teaching and the Ministry

A fund of $114,800 provides fellowships to perpetuate the memory of those Amherst men who gave their lives for an ideal. The following statement expresses the purposes of the donor of these fellowships: "Realizing the need for better understanding and more complete adjustment between men and existing social, economic, and political institutions, it is my desire to establish a fellowship for the study of the principles underlying these human relationships."

Appointments to these fellowships may be made from the graduating class or the alumni of Amherst College or of other colleges, the object being to permit men of character, scholarly promise, and intellectual curiosity to investigate some problem in the humanistic sciences. Candidates should be men of sound health. During previous training they should have given evidence of marked mental ability in some branch of the social sciences—history, economics, political science—and have given promise of original contribution to a particular field of study. It is desirable that they possess qualities of leadership, a spirit of service, and an intention to devote their efforts to the betterment of social conditions through teaching in its broad sense, journalism, politics, or field work.

While preference is given to candidates planning to do advanced work in the field of the social sciences, applications will be accepted and awards made to candidates who are planning to go to theological school as a preparation for a career in the ministry and to those from other fields than the social sciences who are preparing for a career in teaching in secondary schools or colleges.

Appointments may be made for terms of two years. Tenure may, however, be shorter or longer, depending upon the nature of the subjects investigated or upon other circumstances which, in the judgment of the committee, warrant a variation in the length of tenure.

The stipend will vary according to the circumstances of the appointment. Awards will depend upon those aspects of individual cases which, in the judgment of the committee, most suitably fulfill the purpose of the foundation.

These fellowships will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

### The Henry P. Field Fellowships

Two fellowships of $500 each are available from the income of the bequest of the late Henry P. Field of the class of 1880, to promote graduate study in the fields of English and History. Appointments are made annually by the College on the recommendation of the departments of English and History.

### The Edward Hitchcock Fellowship

The income from a fund of $20,000 founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., is available for the promotion of graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

### The Roswell Dwight Hitchcock Memorial Fellowship

A fund of $7800, established through the agency of the Alpha Delta Phi Fraternity, provides an annual award under conditions determined by the Faculty, to a member of the senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two installments, one on completion of one-half the year's work, the other at the end of the year.

### The Rufus B. Kellogg University Fellowship

The income from a fund of $51,780 established by the late Rufus B. Kellogg of the Class of 1858 provides certain prizes, and a fellowship award for three years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

1. He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

2. The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other considerations whatsoever, except that he should have an especially good knowledge of at least one modern foreign language and should have had at least one year of Latin in preparatory school or college.

3. The three years shall be spent by the incumbent at a German University, or, with the approval of the said Faculty, at any other place or places, in the study of philosophy, philology, literature, history, political science, political economy, mathematics or natural science. At least one college term of the final year shall be spent by the incumbent at Amherst College, where he shall give a series of not more than thirty lectures on a subject selected by himself and approved by the Trustees. The lectures shall be given to the Senior class, but the members of all other classes shall have the privilege of attending. The incumbent shall have his lectures published, at the end of his official term, in good book form, or in a learned journal.

### The Edward Poole Lay Fellowship

A fund of $34,600, established by Frank M. Lay, of the class of 1893, and Mrs. Lay, in memory of their son Edward Poole Lay, of the class of 1922. The income from the fund provides for a fellowship to be awarded to a graduate of Amherst College who has shown unusual proficiency and talent in music, and who desires to continue his studies in this field. Preference is to be given to a candidate who is proficient in voice. In the event that there is no qualified candidate for the award in any one year in the musical arts (especially voice and instrumental music), then it may be awarded under the same conditions to a qualified candidate in the field of the dramatic arts.

This fellowship will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

### The James Ingram Merrill Award

A fellowship of $1,000 is available for a member of the graduating class or a recent alumnus who has done outstanding work in the field of English to assist him in graduate study at a University of his choice. The award may be made for either scholarly promise or for ability in creative writing. The award is to be made by the Fellowship Committee upon recommendation from the English Department.

### The Forris Jewett Moore Fellowships

These fellowships, three in number, were established in memory of Forris Jewett Moore of the class of 1889 by his widow, Emma B. Moore.

In each case, the beneficiary is to be a member of the graduating class of the year preceding that in which he holds the Fellowship.

1. A fund of $21,600, the income of which is to be used to assist some graduate of Amherst College who has distinguished himself in the study of chemistry while an undergraduate and desires to engage in further study of that subject, preference to be given to eligible candidates whose plans lie in the field of organic chemistry.

2. A fund of $14,700, the income of which is to be awarded to a graduate of Amherst College who has distinguished himself in the study of history while an undergraduate and desires to engage in further study of that subject.

3. A fund of $18,400, the income of which is to be awarded to a graduate of Amherst College who has distinguished himself in the study of philosophy while an undergraduate and desires to engage in further study of that subject.

### The George A. Plimpton Fellowships

These fellowships, established by the Board of Trustees of Amherst College in memory of George A. Plimpton of the class of 1876, a member of the Board from 1890 to 1895 and from 1900 to 1936 and President of the Board from 1907 to 1936, are to be awarded without stipend to members of the senior class who are of outstanding scholastic ability and promise, who plan to continue their studies in graduate school, and who are not in need of financial assistance.

These fellowships will be awarded by the Board of Trustees upon recommendation of the Faculty Fellowship Committee.

### The Sherman Pratt Faculty Fellowships for Study Abroad

These fellowships are awarded by the President of the College to younger members of the Amherst Faculty, on the basis of past performance in teaching and scholarship and programs for further study. The stipends may be fixed in such amount as the President may determine. Each holder of a Sherman Pratt Fellowship will be expected on his return to the College to deliver to the college body one or more lectures.

### The John Woodruff Simpson Fellowships and Lectureships

A fund now amounting to $195,800 was established in memory of John Woodruff Simpson of the class of 1871, by his wife and daughter. The uses of the income as defined by the donors are as follows:

"1. To award to any graduate of Amherst College a fellowship for use

in studying law at any school approved by the Board of Trustees of the College;

"2. To award to any graduate of Amherst College a fellowship for use in studying medicine at any school approved by the Board of Trustees of the College;

"3. To award to any graduate of Amherst College a fellowship for use in studying theology at any school approved by the Board of Trustees of Amherst College, without regard to the particular creed or particular religious belief taught thereat;

"4. To award to any graduate of Amherst College a fellowship for use in studying at any school, college or university approved by the Board of Trustees of the College, in preparation for the teaching profession;

"5. To award to any graduate of Amherst College a fellowship for use in graduate study at the universities of Oxford or Cambridge in England;

"6. To award to any graduate of Amherst College a fellowship for use in graduate study at the Sorbonne in Paris;

"7. To secure from time to time from England, France or elsewhere scholars for the purpose of delivering lectures or courses of instruction at Amherst College."

These fellowships will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

### Fellowships Awarded by the American Schools of Classical Studies at Athens and Rome

The attention of graduate students interested in the Classics and in Archaeology and Ancient Art is called to the opportunities offered by the American Schools of Classical Studies at Athens and Rome. As the College contributes regularly to the support of these schools, any Amherst graduate may enjoy the privileges of study at either school without charge for tuition and may compete for the annual fellowships which they offer. Further information may be obtained from any classical teacher at the College.

# Prizes and Awards

The following prizes are offered annually for proficiency in the work of the several departments of collegiate study, and for other qualifications. The recipients of awards for the previous year are named in each case.

## *Art*

*THE ANNA BAKER HEAP PRIZE*, from the income of a fund of $1,700, established by the late Arnold N. Heap of the class of 1873; $95 is awarded to that Senior who submits the best essay in the field of "Art."

Edward John James Nygren, '56

## *Biology and Geology*

*THE HARVEY BLODGETT SCHOLARSHIP*, from the income of a fund of $2,400, established by Frederick H. Blodgett in memory of his grandfather, Harvey Blodgett of the class of 1829, is awarded to aid student work in biology and geology in their educational phases as distinct from their more technical and strictly scientific phases: combined with

*THE PHI DELTA THETA SCHOLARSHIP*, from the income of a fund of $500, established by the Phi Delta Theta Fraternity, is awarded as a scholarship at the Woods Hole Marine Laboratory to a student for proficiency in biology.

(The two preceding scholarships usually are combined, with a single award of $160.)

George Alfred Clark, Jr., '57

## *Chemistry and Medicine*

*THE HOWARD WATERS DOUGHTY PRIZE*, from the income of a fund of $1000, given anonymously; $55 is awarded to that member of the junior class who, in the opinion of the chemistry department, is best qualified to undertake an honors program.

Richard Wilbur Miller, '57

*THE FRANK FOWLER DOW PRIZES*, part of the income from a fund established by Fayette B. Dow, '04, in memory of his father; $300 is awarded to a member or members of the junior or senior class preparing

to enter medical school, and whose undergraduate work indicates a career of usefulness and distinction in medicine.

Divided equally between
MATTHEW ALAN BUDD, '56
IRVINE GEORGE MILHEIM, JR., '56

## *Dramatics*

*THE RAYMOND KEITH BRYANT PRIZE*, an annual gift of $25 from Robert E. and Ethel M. Bryant in memory of their son, Raymond Keith Bryant, of the class of 1936, is awarded to that undergraduate who, in the opinion of a board of judges, gives the best single performance of the year in a Masquers' play.

JONATHAN HENRY PINCUS, '56

## *Economics*

*THE W. T. AKERS, JR. PRIZE* of $50, provided by an annual gift from W. T. Akers, Jr., of the class of 1927, is awarded to that member of the junior or senior class who has, in the opinion of the economics department, written and submitted the best paper on some topic connected with insurance.

CARL ROBERT GOUTELL, III, '57

## *English*

*THE ARMSTRONG PRIZE*, from the income of a fund of $2,500, established in part by Collin Armstrong of the class of 1877 in memory of his mother Miriam Collin Armstrong, awarded in the form of books to the value of $70 to members of the freshman class who excel in composition.

A. GARY SHILLING, '59

*THE COLLIN ARMSTRONG POETRY PRIZE*, from the income of a fund of $2,500, established in part by Mrs. Elizabeth H. Armstrong; $70 is awarded to the undergraduate author of the best original poem or group of poems.

ROBERT ELY BAGG, '57

*THE CORBIN PRIZE*, from the income of a bequest of $1000 established by the estate of William Lee Corbin of the Class of 1896; $55 is awarded

for an outstanding original composition in the form of poetry or an informal essay.

William Lawrence Velton, '56

*THE JOHN FRANKLIN GENUNG PRIZE*, of $50, given each year anonymously in memory of Professor Genung, is awarded to that member of the junior or senior class who excels in prose composition.

Robert Erwin Epstein, '56

*THE HARRY RICHMOND HUNTER, JR. PRIZE*, from the income of a fund of $1,300, established by H. R. Hunter and Emma Louise Hunter in memory of their son, Harry Richmond Hunter, Jr. of the class of 1929; $50 is awarded to that member of the sophomore class who presents the best essay on a topic approved by the English department.

Divided equally between

Barry Jay Feinberg, '58
Robert Ende Nelson, Jr., '58

*THE RALPH WALDO RICE PRIZE*, from the income of a fund of $1,800, established by Mrs. Mary Rice Jenkins in memory of her brother, Ralph Waldo Rice, of the class of 1910; $100 is awarded for the best essay on "The Liberal College and Christian Citizenship" or any other subject named by the Faculty.

No award

## *Greek*

*THE WILLIAM C. COLLAR PRIZE*, from the income of a fund of $1,300 established by the late William C. Collar of the class of 1859; $70 is awarded to that member of the freshman class who shall make on a written examination the best version in English of a previously unseen page from some Greek author.

Rudolf Dirk Schier, '59

*THE HUTCHINS PRIZE*, from the income of a fund of $1,300, established by the late Waldo Hutchins of the class of 1842; $70 is awarded to the best scholar in Greek at the end of the junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department but special studies and examinations may also be required of the candidates.

Harold Cornelius Haizlip, '57

*THE HARRY DE FOREST SMITH SCHOLARSHIP*, of $600, is awarded to a member of the freshman class enrolled in one of the regular courses in the department of Greek. The award is made on the basis of an examination given at the candidate's school in the March preceding his

entrance to college. Students who have had either two or three years of Greek at school are eligible for this scholarship.

No award

## *Journalism*

*THE SAMUEL BOWLES PRIZE*, from the income of a fund of $3,500 established by the late Samuel Bowles King, '02; to stimulate interest in journalism as a career, a prize of $195 is awarded to a student of the junior or senior class who has demonstrated proficiency in journalism. The income may be used from time to time for a scholarship or toward a lectureship.

Divided equally between
William Geoffrey Shepherd, '57
Alan Henry Schecter, '57

## *Latin*

*THE BILLINGS PRIZES*, from the income of a fund of $1,200, established by Frederick Billings in memory of Parmly Billings of the class of 1884; two prizes of $40 and $25 are awarded for general excellence in the Latin courses of the Sophomore Year together with the best essays on special topics connected with the authors read in that year.

First Prize
Harold Cornelius Haizlip, '57

Second Prize
Howard Bennett Wolman, '58

*THE CROWELL PRIZES*, from a fund of $2100 in memory of Edward Payson Crowell of the class of 1853; prizes of $35 and $25 are awarded for the highest scholarship in the freshman Latin courses; prizes of $35 and $20 are awarded to the students who, together with attaining a high average in the Latin courses of the Junior Year, present the best essays on some approved topic connected with the junior Latin course.

Freshman Award
First Prize
Thomas Edward Stuart, '59
Second Prize
Robert Reed Abbe, '59

Junior Award
First Prize
Chauncey Delphin Howell, Jr., '57
Second Prize
Michael Buckley Wray, '57

*THE BERTRAM PRIZES*, from the income of a fund of $2,100, established by the late John Bertram of Salem; two prizes of $70 and $45 each are awarded to those students who, together with attaining a high average in the Latin courses of the Senior Year, present the best essays on some approved topic connected with these courses.

First Prize

James Justesen White, '56

Second Prize

No award

## *Mathematics, Physics, and Astronomy*

*THE BASSETT PHYSICS PRIZES*, from the income of a fund of $3,500 established by Preston Rogers Bassett of the class of 1913; two prizes up to $100 and $50 respectively may be awarded each year to those students who have distinguished themselves by the excellence and maturity of their performance in the class and laboratory work of the first course in Physics.

First Prize

Charles Diran Yegian, '59

Second Prize

Prize divided equally between

Richard Earl Schwemm, '59

William Ira Weisberger, '59

*THE PORTER PRIZES*, from the income of a fund of $600, established by the late Eleazer Porter of Hadley; two prizes of $15 each are awarded for proficiency in first year physics and astronomy respectively.

*Physics*

No award

*Astronomy*

Robert Allan Ridley Parker, '58

*THE WILLIAM WARREN STIFLER PRIZE*, from the income of a fund of $1,000, created by the late Professor Stifler; $55 is awarded to a senior who has majored in physics and who is nominated by the teaching staff of the department for excellence in work in the courses of physics for the junior and senior years, with special weight in the course on electricity and magnetism.

Joseph Lyons Snider, Jr., '56

*THE WALKER PRIZES*, from the income of a fund of $6,000, given by the late William J. Walker of Newport, Rhode Island; two prizes of $100 and $60 are awarded for proficiency in mathematics of the first year, and two prizes of $110 and $65 for proficiency in mathematics of the second year. In each case the award is determined by an examination.

*First Year*

First Prize

Robert Wells Johnson, '59

Second Prize

William Ira Weisberger, '59

*Second Year*

First Prize

Robert Raymond Holmes, '59

Second Prize

David Strand Wollan, '59

## *Philosophy and Religion*

*THE MOSELEY PRIZES*, from the income of a fund of $7,500 established by the late Thomas W. H. Moseley of Hyde Park; two prizes of $280 and $140 are awarded to members of the senior class for the best essays on a subject approved by the Department of Philosophy and Religion.

First Prize

John Butler Schwemm, '56

Second Prize

Divided equally between

William Charles Fish, '56
Walter Jay Zanger, '56

## *Physical Education*

*THE SAWYER PRIZES*, from the income of a fund of $1,900, established by the late Edmund H. Sawyer, hon. 1878; $105 is available for prizes for improvement in the department of Physical Education.

*Senior Class*

James Gerald Harvey, '56

*Sophomore Class*

John Tracy Wiggin, '58

## *Political Science*

*THE DENSMORE BERRY COLLINS PRIZE IN POLITICAL SCIENCE*, of $50, given annually by Miss Margaret S. Densmore in memory of her nephew Densmore Berry Collins, of the class of 1940. The award will be made to the student submitting the best honors thesis in Political Science.

Divided equally between

Elliot Naren Lang, '56

Charles Bruce Hochman, '56

## *Public Speaking*

*THE BANCROFT PRIZES*, of $240 and $120, from the income of a fund of $6,500 established by the late Frederic Bancroft of the class of 1882; awarded to the two members of the senior class who produce the best orations. Both composition and delivery are considered in making the awards.

First Prize

Edward Fletcher Dibble, '56

Second Prize

Thomas Jackson Hill, Jr., '56

*THE BOND PRIZE*, from the income of a fund of $2,300 established by the late Ephraim W. Bond of the class of 1841; $130 is awarded for the best production spoken at the Senior Chapel service. The award is determined by a committee appointed by the Trustees upon nomination by the Faculty.

William Lawrence Velton, '56

*THE HARDY PRIZES*, from the income of a fund of $1,200, established by the late Alpheus Hardy of Boston; prizes of $40 and $25 are awarded for excellence in extemporaneous speaking.

First Prize

Van Doorn Ooms, '56

Second Prize

Edward Fletcher Dibble, '56

*THE KELLOGG PRIZES*, from part of the income of a fund of $51,700, established by the late Rufus B. Kellogg of the class of 1858; two prizes of $60 each are awarded, one to a member of the sophomore class and one to a member of the freshman class, for excellence in declamation.

*Sophomore Class*

Wesley Miller Brown, '58

*Freshman Class*

Robert Stewart Jason, Jr., '59

*THE ROGERS PRIZE*, from the income of a fund of $1,200, given by Noah C. Rogers of the class of 1880; $65 is awarded to a member of the junior class for excellence in debate.

Divided equally between

Arne Robert Johnson, '57
Robert John Walton, '57

## *Scholarship and Citizenship*

*THE ADDISON BROWN SCHOLARSHIP*, from the income of a fund of $6,000, established by the late Addison Brown of the class of 1852; $335 is awarded to that member of the senior class who, being already on the scholarship list, shall have attained the highest standing in the studies of the freshman, sophomore, and junior years.

Roebrt Avery Shore, '57

*THE SAMUEL WALLEY BROWN SCHOLARSHIP*, from the income of a fund of $6,000, established by the late Samuel Walley Brown of the class of 1866; $335 is awarded to that member of the sophomore class who at the end of his sophomore year shall in the estimation of the Trustees rank highest in his class in character, class leadership, scholarship, and athletic ability.

John Marvin Niehuss, '58

*THE FRANK A. HOSMER SCHOLARSHIP*, from the income of a fund of $15,000 established by Frank A. Hosmer of the class of 1875; $600 is awarded to that member of the sophomore class who, being already on the scholarship list, shall have attained the highest standing in the studies of the freshman year.

Charles Diran Yegian, '59

*THE PORTER ADMISSION PRIZE*, from the income of a fund of $1,200, established by the late Eleazer Porter of Hadley; $65 is awarded each year to the member of the entering freshman class who is judged to have the best general record on the College Board tests taken for admission to Amherst. The name of the successful candidate, together with that of his school, is published in the catalogue.

David Scott Foster, '60
Ithaca, New York, High School

*THE PSI UPSILON PRIZE*, from the income of a fund of approximately $5,000, established by the Gamma Chapter of Psi Upsilon in 1941 on the occasion of the Centennial Anniversary of the founding of the Chapter; $275 is awarded to that member of the graduating class who, in the opinion of a committee consisting of the President of the College, the Dean, and the Chairman of the Department of Physical Education and Intercollegiate Athletics, is considered to be, in the terms of the Ancient Athenian oath,* the "first citizen" of the College.

Van Doorn Ooms, '56

*THE JOHN SUMNER RUNNELLS MEMORIAL*, from the income of a fund of $6,000, established in memory of John Sumner Runnells of the class of 1865; $335 is awarded to that member of the sophomore class who shall in the opinion of the Trustees of the College be preëminent in his zeal for knowledge and industry to attain it.

Sheldon S. Braddock, '58

*OBED FINCH SLINGERLAND MEMORIAL PRIZE*, from the income of a fund of $10,800 established by an anonymous donor; $600 is awarded by the Trustees of the College to that member of the junior class, who, during his first three years at Amherst, has shown by his own determination and accomplishment the greatest appreciation of and desire for a college education; the award to be based upon demonstrated achievement with full consideration given to the external handicaps, financial and otherwise, under which his record was attained; in case of uncertainty the Trustees are to be guided by the example set by Obed Finch Slingerland.

Philip G. Hastings, '57

*THE SYLVESTER SCHOLARSHIP* of $750 provided by an annual gift from Albert L. Sylvester of the Class of 1924, is awarded to a senior who, being already on the scholarship list, at the end of his junior year has

* "I will not disgrace the soldier's arms, nor abandon the comrade who stands at my side; but whether alone or with many, I will fight to defend things sacred and profane. I will hand down my country not lessened, but larger and better than I have received it. I will accept readily and with understanding the verdicts of our judges, and I will obey the established laws and such other laws as the people may establish. If anyone shall attempt to overthrow the laws, I will not permit it, but whether alone or with many, I will fight to defend them; and I will honor the religion of our fathers. The gods attest this oath!"

combined most clearly outstanding success in extra-curricular activities, including athletics, with academic distinction in one or more fields.

James Streeter Jenkins, '56

*THE STANLEY V. and CHARLES B. TRAVIS PRIZE*, from the income of a fund of $2,300; established by the late Charles B. Travis of the class of 1864; $125 is awarded to that member of the graduating class who has made the most improvement as a man and as a scholar during his college course.

Divided equally between

John Butler Schwemm, '56
Alfred Soman, '56

*THE TREADWAY INTERFRATERNITY SCHOLARSHIP TROPHY*, a silver cup, given by Hon. Allen Treadway of the class of 1886, in memory of his son, Charles Denton Treadway, awarded to that fraternity or the group of all non-fraternity men which has attained the highest scholastic average during the previous academic year.

The Lord Jeffery Amherst Club

*THE TRUSTEE TROPHY* is awarded each semester to the fraternity or social organization showing the greatest percentage of improvement academically during the previous semester.

*1955–1956*

First Semester—Phi Delta Sigma
Second Semester—Delta Kappa Epsilon

*THE HOUSE MANAGEMENT COMMITTEE TROPHY* is awarded each year after the end of the first semester to the sophomore delegation of a fraternity or social organization having the best scholastic record for the semester, judgment of the record to be based equally on comparative scholastic standing and on percentage of improvement as against the preceding semester.

*1955–1956*—Kappa Theta

*THE WOODS PRIZE*, an annual gift of $60 in memory of the late Josiah B. Woods of Enfield, is awarded for outstanding excellence in culture and faithfulness to duty as a man and as a scholar—particular attention being given in any prominent case to improvement during the four years' course.

Divided equally between

John Butler Schwemm, '56
Alfred Soman, '56

## *Other Prizes*

*THE ASHLEY MEMORIAL TROPHY*, given by the Class of 1916 in memory of Thomas W. Ashley, '16, who was killed in action at Belleau Wood in 1918, is presented annually to the retiring member of the football team who, in the opinion of a committee consisting of the Coach, the Manager, and the Captain-elect, has best "played the game."

Oscar Ernest Korell, '56

*THE HOWARD HILL MOSSMAN TROPHY*, awarded annually to the member of the senior class, who, in the opinion of a committee consisting of the President of the College, the Dean, the Chairman of the Department of Physical Education and Intercollegiate Athletics, and the President of the Student Council, has brought, during his four years at Amherst, the greatest honor in athletics to his Alma Mater—the word "honor" to be interpreted as relating both to achievement and to sportsmanship.

Robert Andrew Anderson, '56

*THE LINCOLN LOWELL RUSSELL PRIZE*, from the income of a fund of $1,200 established by the late J. W. Russell, Jr. of the class of 1899 in memory of his son; $65 is awarded to that member of the graduating class who has done most to foster the singing spirit in Amherst College.

Crayton Ward Bedford, '56

*THE ROBERT E. BAUSER MEMORIAL AWARD* of a twenty-five dollar United States savings bond (or its equivalent), is given at the close of every academic year to that member of the Senior Class who, in the opinion of the senior board of Radio Station WAMF, has been of the greatest service in the operation and development of the station, during his tenure as station member. This award is sustained in perpetuity of Amherst College by the Alpha Chi Chapter of Phi Gamma Delta in memory of its brother, Robert E. Bauser, '54.

Charles Bedford Morgan, '56

# Degrees Conferred April 21, 1956

BACHELOR OF ARTS

*Rite*

Victor Sigmund Noerdlinger, Jr.
James Brockett Tudhope, Jr.

MASTER OF ARTS

Nagayo Homma

# Degrees Conferred June 10, 1956

BACHELOR OF ARTS

*Summa cum Laude*

Crayton Ward Bedford
*Music*

Robert Ross Holloway
*Classics*

Arthur Allen Leff
*English*

Van Doorn Ooms
*Economics*

Alfred Soman
*History*

Thomas Ancrum Spencer, Jr.
*Chemistry*

William Lawrence Velton
*English*

*Magna cum Laude*

Alexander Constantine Angelides
*Biology*

Robert Markham Ball
*English*

James Clark Blackburn
*Philosophy*

Matthew Alan Budd
*Biology*

Jerry Albert Cogan, Jr.
*Chemistry*

Steven Ilsley Davis
*Economics*

Richard Paul Hauser
*History*

Charles Bruce Hochman
*Political Science*

Roland Gilbert Kallen
*Biology*

Susumu Kawanishi
*English*

Elliott Naren Lang
*Political Science*

Charles Nelson Leach, Jr.
*Biology*

Irvine George Milheim, Jr.
*Chemistry*

Joseph John Moldenhauer
*American Studies*

Edward John James Nygren
*History*
Florian Peter Sabey
*American Studies*
John Butler Schwemm
*Religion*
Joseph Lyons Snider, Jr.
*Physics*
Jerome Saul Sowalsky
*Economics*
Robert King Warburton
*Biology*
James Justesen White
*Latin*

*Cum Laude*

Norman Carey Amaker
*Political Science*
John Whiting Anderson
*Economics*
Michael Peter Aronchick
*Chemistry*
Clifford Allen Birge
*American Studies*
Benjamin William Boley
*Political Science*
Robert Mardis Branigin
*History*
John Stewart Burlingham
*Fine Arts*
Paul Verner Carlson
*Psychology*
Guy Pix Chance
*Psychology*
Allan Lincoln Damon
*American Studies*
Joseph William Eades
*Biology*
Ned Wolfe Edwards
*English*
Kenneth Robert Eisold
*English*
John Langdon Elsbree
*Political Science*
William Johnson Elton, II
*Biology*
Robert Erwin Epstein
*Biology*
Jack Heyman Feinberg
*American Studies*
Don Frederick Fenn
*English*
William Charles Fish
*American Studies*
George Robert John Flemma
*Biology*
John Winthrop Foster
*History*
Alfred Frank, Jr.
*Economics*
Richard Alan Gams
*Chemistry*
John Abbey Goldthwait
*Political Science*
John Morton Goodkind
*Physics*
Harold Irving Grousbeck, II
*Economics*
John Edward Crane Harris
*Religion*
Roger Jewett Hawke
*English*
Thomas Jackson Hill, Jr.
*Economics*
Paul Stanley Hirt, Jr.
*American Studies*
Robinson Gill Hollister, Jr.
*Economics*
Gregory Bruce Hovendon
*History*

James Wellington Irwin
*Religion*
James Streeter Jenkins
*Political Science*
Bruce William Jones
*History*
Peter Babcock Jones
*Economics*
Frederick James Karlin
*Music*
Ira William Klein
*American Studies*
Eugene Marcus Kleiner
*History*
Samuel Halpern Liberman, II
*American Studies*
Hans Peter Lie
*Physics*
Richard Farrington Macauley
*Fine Arts*
Bruce Whittaker McMullan
*Dramatic Arts*
Duncan Alexander MacQueen
*Economics*
Edgar Eugene Magee, Jr.
*Physics*
William Michael Manly
*English*
Peter Marks
*History*
Charles Henry Towle Moulton
*Mathematics*
Donald Lawrence Nathanson
*Biology*
Herbert Stephen Pasternak
*Biology*
David Bogart Pilcher
*Biology*
Jonathan Henry Pincus
*American Studies*
Robert Ellis Pruyne
*Economics*
Michael David Rabbino
*Biology*
Eric Leon Radin
*Psychology*
Arthur William Renander, Jr.
*Political Science*
Friz Franz Klaus Ringer
*History*
Peter Leonard Roda
*Economics*
Theodore Stephan Rodgers
*American Studies*
Daniel Hubert Raoul Roos
*Economics*
David Wright St. Clair
*English*
William Harry Salot
*Biology*
Peter Schramm
*Biology*
David Stephen Schwartz
*Political Science*
Allan Warren Steere
*Economics*
Roger Kent Steinhauer
*English*
John Alton Stephens
*History*
Samuel Stowell Symmes, III
*Economics*
James Hart Talcott
*English*
Thurston Ferdinand Telle
*Political Science*
William Sumner Thayer
*Economics*
Russell Goodrich Traub
*Chemistry*
John Randolph Tyler, Jr.
*Economics*
Robin Whitney Waller
*History*

Peter Pettiner Wickham
*Chemistry*

Roger Miller Williams
*Political Science*

Walter Jay Zanger
*Religion*

*Rite*

Edwin Nathaniel Anderson, Jr.
James Peter Anderson
Robert Andrew Anderson
Earnest Tisdale Andrews, III
Henry Franklin Anthony, 2nd
Kurt Horigan Asplundh
Karl Sinclair Atkinson
James Robert Atlas
William Ridenour Baird
Richard Prescott Barker
David Scott Beebe
John Williams Bliss
Edward Dickinson Blodgett, Jr.
Harold Franklin Bloomer, Jr.
Bruce Vernon Bradley
Nicholas Barry Brown
Donald Philip Buebendorf
James Robert Carty
Samuel Alfred Chaitovitz
Charles Sherman Cobb, III
Stephen Leeds Congdon
George Cadwallader Corson, Jr.
Erich Hans Otto Ernest Cramer
Michael Jay Crames
Lawrence Roy Crosby, Jr.
George Michael Crothers
Alexander Marcy Crowell
Winfield Scott Danielson, Jr.
John Oliver Davis
Edward Fletcher Dibble
Geoffrey Whitmore Disston
Joseph Dunwoody, Jr.
Robert Simon Eisenthal
Arthur Boris Ellis
Robert England
Charles Place Esty
Robert Lindsay Evans
John Prentiss Eveleth
Morris Stephen Falk
Robert Sargent Fay
Claus Felfe
John Richard Fischer
Birchard Clary Fossett
Paul Gary Foster
Richard George Fourman
James Arthur Freeman
John Mayhew Fulton
John Gray Funkhouser
William Brewster Funnell
Barry deOrmond Gately
George Roger Gay
Donelson Caffery Glassic
Michael Ira Goldman
Peter Goold
Thomas Lanius Goss
Harold Charles Gotoff
Ralph Edward Greene
John Quintin Griffith, 3rd
Frank Trafton Gutmann
Joseph Edward Hall, Jr.
James Hutchinson Hammons
Robert Sundell Hamrin
James Gerald Harvey
Douglas Warren Hawkins
John William Heise
Peter Gage Hindle
Hans Anthony Huber
Cornelius Searle Hurlbut, Jr.
Benjamin Carl Iannotta, Jr.
Jay Jacob Jacobson
Bruce Crane Johnson
Thomas McElree Johnston, Jr.

Charles Jeffrey Kalil
George Wallace Kidder, III
Charles Klem, Jr.
Joseph Andrew Knight, Jr.
Russell Knowles, Jr.
Victor Stephan Krupman
Robert Arthur Leet
Peter Gerstle Levison
William Eggleston Lewis
James Kung-wei Li
Evan Faller Linick
Steven Alan Lustig
Richard Theodore McCarthy
Bruce Alan Macdonald
John Stephen McGeeney
Alan Ross MacLaren
Allister Matheson McLellan, Jr.
Charles John Mannheim
Charles Bedford Morgan
Donald William Newberg
Thomas Drake Nickerson
Holcomb Ballou Noble
Ernest Albert Oppenheimer
Alan Currie Parker
Duncan T. Patten
Henry Batterman Pearsall
John Robinson Phillipps, II
Arnold Poltenson
César Augusto Quintana
Francis Barto Rainey, III
Forest Pratt Reichert
William Norton Reusswig
Douglas Barnes Rhodes
Michael Peter Ritter
Bernard Robart
John Nitsche Royse
Charles Clark Rumrill
Peter May Saybolt
Gerald Arthur Segal
Frederick Milton Smith, II
Douglas Roberts Smyth
Harry Bentley Steuber
Thomas York Swatland
Richard Lawrence Swift
Albert Lenthall Sylvester, Jr.
Kenneth Stratton Teasdale
Robert Fairbanks Thomas
Robert Bacon Trimble
Peter Alexander Tudor
Arthur Vega, Jr.
Richard Sidney Volpert
Alfred von Oppenheim
James Alton Walles
Robert Hofflin Weil
Peter James Weiller
Warren George White
Douglas Maclin Williams
Arnold Charles Winkelman
Edward Newell Winship, Jr.
L. Richard Wolff
Dudley Hawthorne Woodall
Peter Gregory Wray
John Lotter Young
Yo Yuasa
John Charles Zink
Peter James Zucker

## MASTER OF ARTS

Walter Edward Grueninger
Minna Beverly Rotheim
Yasuo Sakakibara
Robert Chin-Yao Ting

# Honorary Degrees Conferred June 10, 1956

## MASTER OF ARTS

Samuel Harris Johnson, III, ex-1931
William Henry Kirk, 1931

## DOCTOR OF SCIENCE

William Summer Johnson, 1936
Alfred Hamlin Washburn, 1916

## DOCTOR OF HUMANE LETTERS

Robert Hudson George, 1911
Charles Scott Porter, 1919

## DOCTOR OF DIVINITY

Jesse McLane Trotter, 1931

## DOCTOR OF LAWS

Jean Paul Mather
James Rhyne Killian, Jr.
Grayson Louis Kirk

# Medals for Eminent Service Awarded June 10, 1956

Claude Ernest Hooper, 1921

In Memoriam

Harry William Knight, 1931

# Degrees Conferred November 3, 1956

BACHELOR OF ARTS

*Magna cum Laude*

Alan Peter Levenstein

*Rite*

Alexander Spotswood Breed
James Merrill Evans
Jack Abraham Karet
Oscar Ernest Korell
John Royal Waldo
Theodore James Wiedemann

# IV

## *Enrollment*

# Enrollment

## FALL SEMESTER

1956–1957

### Graduate Students

| | |
|---|---|
| Arai, Akira | *Kanagawa-ken, Japan* |
| Black, Craig Call | *Amherst, Mass.* |
| Bruening, Betty Louise | *Baltimore, Md.* |
| Emerson, Gordon Clyde | *Keene, N. H.* |
| Garth, Thomas Vorhees | *Roslyn Heights, N. Y.* |
| Holmstrom, Arthur Carl | *International Falls, Minn.* |
| Kodama, Sanehide | *Kyoto, Japan* |
| Langdon, George Dorland, Jr. | *Salisbury, Conn.* |
| Sommers, John Jerome | *Amherst, Mass.* |
| Weyter, Fred William | *Philadelphia, Pa.* |

### Senior Class

| | |
|---|---|
| Alexander, Benjamin Hall | *Benton Harbor, Mich.* |
| Amabile, George Nicholas | *Princeton, N. J.* |
| Anderson, James Edwin | *Chatham, N. J.* |
| Anderson, Richard Lee | *Glen Ridge, N. J.* |
| Andrus, Carl Huber | *Bronxville, N. Y.* |
| Anspach, Edgar Kiser | *Highland Park, Ill.* |
| Ascari, William Quintin | *Wallingford, Conn.* |
| Asher, Robert Louis | *Washington, D. C.* |
| Avery, James Billings | *Amherst, Mass.* |
| Bagg, Robert Ely | *Maplewood, N. J.* |
| Barrington, Jonathan | *Quincy, Mass.* |
| Barson, John George | *Scarsdale, N. Y.* |
| Bellin, Howard Theodore | *Clifton, N. J.* |
| Benning, John Alan | *Benton Harbor, Mich.* |
| Biddle, Bruce | *Weston, Mass.* |
| Bleser, Edward Johnson | *Middlebury, Conn.* |
| Bloomberg, John Isaac | *New Rochelle, N. Y.* |
| Boenau, Douglas Charles | *Flushing, N. Y.* |
| Brenner, Richard Loeb | *Brooklyn, N. Y.* |
| Brook, John Robert, Jr. | *New York, N. Y.* |
| Brown, Donald Clyde | *Pittsburgh, Pa.* |
| Bullard, John Augustus, Jr. | *Fairfield, Conn.* |
| Burt, Alvin Miller, III | *Stratford, Conn.* |
| Butler, Charles Alden | *New Rochelle, N. Y.* |
| Carlen, Robert Daniel | *New York, N. Y.* |
| Charles, Robert Simpson, III | *London, Ontario, Canada* |

| | |
|---|---|
| Chazin, Joel Matthew | *Jamaica, N. Y.* |
| Christiansen, Willard Bronson | *Amherst, Mass.* |
| Clark, George Alfred, Jr. | *Easton, Pa.* |
| Clark, Harold Frank, Jr. | *Darien, Conn.* |
| Clemence, Roger Davidson | *Southbridge, Mass.* |
| Cody, Thomas Joseph, Jr. | *Arlington, Mass.* |
| Colino, Richard Ralph | *Jackson Heights, N. Y.* |
| Connors, James Edward | *Somerville, Mass.* |
| Constantinople, James Dowling | *Washington, D. C.* |
| Covell, Carl John | *Merion, Pa.* |
| Craig, Thomas Goodrich | *Duxbury, Mass.* |
| Crane, Jeffrey Stuart | *Stroudsburg, Pa.* |
| Crockett, George Wallace | *South Casco, Maine* |
| Dahl, Victor Vinje | *Milwaukee, Wis.* |
| Dailey, Robert Hammond | *Maplewood, N. J.* |
| Damon, Peter Stanley | *Plymouth, Mass.* |
| Davis, Richard Whitlock | *Somers, Conn.* |
| Dearnley, Robert Wallace | *Cornwall, N. Y.* |
| deFilippi, Richard Paul | *New York, N. Y.* |
| DeKorte, Richard William | *Franklin Lakes, N. J.* |
| Dell, Glen Arthur | *Cadillac, Mich.* |
| Dillon, Matthew Jeremiah | *Ardsley-on-Hudson, N. Y.* |
| Dinkelspiel, John Randolph | *Brooklyn Heights, N. Y.* |
| Donelson, John Garfield | *Jamestown, N. Y.* |
| Donnell, Harold Eugene, Jr. | *Baltimore, Md.* |
| Donohue, William Paul | *Westfield, N. J.* |
| Drobnyk, John Wendel | *Millburn, N. J.* |
| Durk, David Burton | *New York, N. Y.* |
| Egloff, David Allen | *Mason City, Iowa* |
| Evans, Charles Suddards | *Gladwyne, Pa.* |
| Faerber, Don Bartley | *University City, Mo.* |
| Flood, Stephen Balleray | *New York, N. Y.* |
| Fourniols, Alain Marc | *Le Visinet, France* |
| Furbish, George Albert | *Providence, R. I.* |
| Gadsby, Edward Northup, Jr. | *Littleton, Mass.* |
| Gardiner, Edwin Stanley | *New York, N. Y.* |
| Gardner, Pierce | *Chevy Chase, Md.* |
| Gault, James Harvey | *Dallas, Texas* |
| Giffin, James Manning | *West Hartford, Conn.* |
| Gilbert, Edward Charles | *Brooklyn, N. Y.* |
| Girvin, Robert M., 4th | *Wynnewood, Pa.* |
| Gleitsman, Rael Isaac | *New York, N. Y.* |
| Goldblum, Lewis Donald | *Clayton, Mo.* |

| | |
|---|---|
| Goldin, Howard | *Yonkers, N. Y.* |
| Goutell, Carl Robert, III | *Chappaqua, N. Y.* |
| Gray, Carl Ralph | *Cleveland Heights, Ohio* |
| Gray, Douglas Mintie, Jr. | *Litchfield, Conn.* |
| Grayer, Stephen Poss | *Brooklyn, N. Y.* |
| Gross, Avrum Michael | *Newark, N. J.* |
| Hacker, George Leonard | *New Rochelle, N. Y.* |
| Haizlip, Harold Cornelius | *Washington, D. C.* |
| Hall, Edward Cameron Kirk | *Merion, Pa.* |
| Hanson, Donald Bruce | *Hartford, Conn.* |
| Harkness, Robert Whitman | *Haworth, N. J.* |
| Harris, Timothy Mather | *Albany, N. Y.* |
| Hastings, James Eastman | *Washington, D. C.* |
| Hastings, Philip Gray | *Cleveland, Ohio* |
| Hénon, Alain Louis | *Brussels, Belgium* |
| Hernandez, Alvaro Martin | *Madrid, Spain* |
| Herzog, Thomas Ducas | *South Salem, N. Y.* |
| Heydt, Don Mueller | *Toledo, Ohio* |
| Higgins, William Waugh | *Worcester, Mass.* |
| Hill, Ian Capreol | *Rochester, N. Y.* |
| Hirsch, Richard Miles | *Drexel Hill, Pa.* |
| Hoffman, Edward Sander | *Holyoke, Mass.* |
| Holley, Marshall Rudd | *New Haven, Conn.* |
| Hollinshead, Warren Henry, II | *Rochester, Minn.* |
| Homer, John Robert, III | *Williamstown, Mass.* |
| Hopkins, Martin Edward | *Bronxville, N. Y.* |
| Howard, Robert Edwin, Jr. | *Cincinnati, Ohio* |
| Howell, Chauncey Delphin, Jr. | *Easton, Pa.* |
| Hoyt, Norris Hulbert, Jr. | *Arlington, Mass.* |
| Huggins, Robert Michel | *Maplewood, N. J.* |
| Jackson, John Wingfield, Jr. | *Arlington, Va.* |
| Jeffers, William Allen, Jr. | *Wynnewood, Pa.* |
| Jefferson, Alfred | *Thiensville, Wis.* |
| Jewell, Edward Langdon | *Exeter, N. H.* |
| Johns, Sheridan Waite, III | *Morrisville, Pa.* |
| Johnson, Arne Robert | *New Britain, Conn.* |
| Jones, Thomas Cooper, Jr. | *Roselle Park, N. J.* |
| Juzek, Robert Gerald | *Nanuet, N. Y.* |
| Kambour, Edward Scott | *Warren, Mass.* |
| Kampmeier, Jack August | *Wyncote, Pa.* |
| Keiter, Robert Ernest | *Maplewood, N. J.* |
| Kermes, Kenneth Neal | *Darien, Conn.* |
| Kind, Stephen Joseph | *Jenkintown, Pa.* |

| | |
|---|---|
| King, Robert John | *Westfield, Mass.* |
| Kirshbaum, Gary Roy | *Elkins Park, Pa.* |
| Kline, Peter Lee | *Washington, D. C.* |
| Knight, Eliot Spalding | *Tucson, Ariz.* |
| Knight, Lewis Emerson | *Pittsburgh, Pa.* |
| Knowles, Kent Nesmith | *Northport, N. Y.* |
| Koopman, David Warren | *Bala-Cynwyd, Pa.* |
| Koski, George Edward | *Gloucester, Mass.* |
| Lamont, Hayes Corliss | *New York, N. Y.* |
| Lane, William Morehead | *Canal Winchester, Ohio* |
| Leavitt, Richard Campbell, Jr. | *Port Chester, N. Y.* |
| Lee, Ralph Minor | *Middlebury, Vt.* |
| Lehman, Harry Jac | *Shaker Heights, Ohio* |
| Leonard, Daniel, Jr. | *Winnetka, Ill.* |
| Levy, Thomas Robert | *White Plains, N. Y.* |
| Lieberman, Moses Kaufman | *Elizabeth, N. J.* |
| Lindsay, David Taylor | *Northwoods, Pa.* |
| Lipton, Stanley Charles | *Jamaica, N. Y.* |
| Long, John Aloysius, Jr. | *Holyoke, Mass.* |
| Luce, Dudley Gordon, Jr. | *North Tarrytown, N. Y.* |
| McClune, David John | *Broomall, Pa.* |
| McGavic, John Dickinson | *Bryn Mawr, Pa.* |
| McKay, Ferguson | *Amherst, Mass.* |
| McLemore, John Whitfield | *Louisville, Ky.* |
| Masson, Robert Henry | *Belmont, Mass.* |
| Mathewson, George Atterbury | *Ithaca, N. Y.* |
| Megliola, Anthony Mark | *Springfield, Mass.* |
| Megrue, George Henry | *New Canaan, Conn.* |
| Merrill, Charles Francis | *Amherst, Mass.* |
| Meyer, John deBard | *Great Neck, N. Y.* |
| Michelsen, Konrad Meyer | *Bellport, N. Y.* |
| Miller, Norman Carlile | *Evanston, Ill.* |
| Miller, Richard Wilbur | *Bala-Cynwyd, Pa.* |
| Min, Kong-Ki | *Seoul, Korea* |
| Moleins, Charles Pierre | *Savoie, France* |
| Mollenauer, James Frederick | *Rosemont, Pa.* |
| Mooers, Edwin Stanton | *Minneapolis, Minn.* |
| Moses, George Stebbins | *Winnetka, Ill.* |
| Neale, Robert Schwenn | *Jenkintown, Pa.* |
| New, Peter Stayer | *Santa Fe, N. M.* |
| Nightingale, Donald Trever | *Minneapolis, Minn.* |
| Niner, Arthur Marsh, Jr. | *Pittsford, N. Y.* |
| Norman, Joel M. | *Tel Aviv, Israel* |

| | |
|---|---|
| Nugent, Jeffrey Bishop | *Rye, N. Y.* |
| Ogdon, Thomas Hammer | *Greenwich, Conn.* |
| Olson, Roger Grove | *Cambridge, Mass.* |
| Ostheimer, John Theodore, Jr. | *Stamford, Conn.* |
| Parkhurst, Michael Edward | *Gloversville, N. Y.* |
| Patrick, William Albert, Jr. | *Nashville, Tenn.* |
| Pease, Charles Fessenden | *New Britain, Conn.* |
| Perles, David Robert | *Brooklyn, N. Y.* |
| Pfatteicher, Philip Henry | *Ridley Park, Pa.* |
| Pickrell, Robert Moulton | *Mt. Kisco, N. Y.* |
| Pinkham, William Clifford | *Groton, Mass.* |
| Plock, Richard Henry, Jr. | *Burlington, Iowa* |
| Pollak, Richard | *Chicago, Ill.* |
| Prigge, Charles Alan | *Northport, N. Y.* |
| Prosnitz, Leonard Richard | *New York, N. Y.* |
| Raff, Neil Charles | *Forest Hills, N. Y.* |
| Raithel, Robert Bingham, Jr. | *Verona, N. J.* |
| Reed, Frank Engelhart | *Short Hills, N. J.* |
| Reichert, John Frederick, IV | *Cleveland Heights, Ohio* |
| Reiners, Charles Henry | *Rochester, N. Y.* |
| Robinson, Winslow Porter | *Pasadena, Calif.* |
| Roblin, David McLean | *Lexington, Mass.* |
| Rogers, William Kingsbury | *Glastonbury, Conn.* |
| Ronan, Clifford John | *West Roxbury, Mass.* |
| Rose, Frank Stevens | *New York, N. Y.* |
| Rosen, Sheldon Alan | *Brooklyn, N. Y.* |
| Rotner, Howard Ezra | *Yonkers, N. Y.* |
| Royse, James Samuel, Jr. | *Terre Haute, Ind.* |
| Sanders, Franklin Dulaney | *Wellesley Hills, Mass.* |
| Sanders, Timothy Bosworth | *Brooklyn, N. Y.* |
| Savage, James William | *Larchmont, N. Y.* |
| Schechter, Alan Henry | *Brooklyn, N. Y.* |
| Schultz, Michael Edward | *Flushing, N. Y.* |
| Schupf, Henri Axel | *New Rochelle, N. Y.* |
| Seery, Francis Thomas, Jr. | *Arlington, Mass.* |
| Seibert, Peter Clarendon | *Maplewood, N. J.* |
| Shepard, Jackson | *Princeton, N. J.* |
| Shepherd, William Geoffrey | *Ames, Iowa* |
| Shoenberg, Robert Edward | *Melrose Park, Pa.* |
| Shore, Robert Avery | *Brooklyn, N. Y.* |
| Silbaugh, Morgan Collins | *Binghamton, N. Y.* |
| Sisson, Harry Mills, Jr. | *Westfield, N. J.* |
| Smith, Andrew Bardwell | *New York, N. Y.* |

| | |
|---|---|
| Smith, Charles Kay | *Fort Madison, Iowa* |
| Smith, Trevor Gaylord | *Larchmont, N. Y.* |
| Springer, Clement Francis, Jr. | *Winnetka, Ill.* |
| Stackpole, John Duke | *Milton, Mass.* |
| Strand, Robert Reilly | *Shaker Heights, Ohio* |
| Street, John Phillips, III | *Pittsford, N. Y.* |
| Stringer, Edward Charles | *St. Paul, Minn.* |
| Symon, Benjamin Goodall, Jr. | *Bronxville, N. Y.* |
| Taft, Morgan Barnes | *Shaker Heights, Ohio* |
| Tallman, Carter Bruce | *Winchester, Mass.* |
| Tamke, Alexander Rexer | *New Orleans, La.* |
| Tannenbaum, Herbert Walter | *Atlantic City, N. J.* |
| Taylor, Thomas Hewitt, Jr. | *Cleveland Heights, Ohio* |
| Temple, Kimball Boone | *Hamden, Conn.* |
| Thompson, John Marcus | *London, Ontario, Canada* |
| Thomson, Donald Owen | *Westfield, N. J.* |
| Tilley, Peter Merrill | *Storrs, Conn.* |
| Tinker, Wesley Rayner, III | *Wheeling, W. Va.* |
| Todd, George Bennett | *Evanston, Ill.* |
| Townley, Raymond David | *Haverford, Pa.* |
| Towvim, Harvey Leon | *Newton, Mass.* |
| Trout, Charles Hathaway | *Oneida, N. Y.* |
| Trowbridge, Theodore Daboll | *Stamford, Conn.* |
| Tuller, Stuart Sidney, Jr. | *Stockbridge, Mass.* |
| Turgeon, Charles Frederic | *Amherst, Mass.* |
| Twombly, Robert Gray | *New York, N. Y.* |
| Tyson, Charles Wesley, Jr. | *Summit, N. J.* |
| Underhill, John Harlan | *New Britain, Conn.* |
| Vernon, James Kenneth | *Medina, N. Y.* |
| Vestner, Eliot Noble, Jr. | *Freedom, N. H.* |
| Vickery, William McCall | *Ridgewood, N. J.* |
| Vitzthum, Richard Carleton | *San Diego, Calif.* |
| Wadman, John Calvert | *Auburndale, Mass.* |
| Walker, Richard Anderson | *Bronxville, N. Y.* |
| Walling, Alfred Michael | *Millburn, N. J.* |
| Walsh, Peter Newton | *St. Louis, Mo.* |
| Walton, Robert John | *Wellesley Hills, Mass.* |
| Ward, Robert Appleby Alexander | *Kent, Conn.* |
| Ware, Robert Gorton | *Lewiston, Idaho* |
| Wasserstrom, Richard Alan | *Scarsdale, N. Y.* |
| Watson, Bruce Campbell | *Bryn Mawr, Pa.* |
| Wayland-Smith, Francis Giles | *Oneida, N. Y.* |
| Webster, Charles McIntyre | *Minneapolis, Minn.* |

| | |
|---|---|
| Webster, John Crosby Brown | *Bedford Hills, N. Y.* |
| Wendoloski, Carl Richard | *Hatfield, Mass.* |
| Wilan, Richard Anthony | *Westport, Conn.* |
| Wilber, John Franklin | *Yorktown, N. Y.* |
| Wray, Michael Buckley | *New York, N. Y.* |
| Yale, Stephen Lake | *Cambridge, Mass.* |
| Yohn, Michael Van Breda | *Westport, Conn.* |
| Yu, Kwang | *Seoul, Korea* |
| Ziegenfus, William David | *Swarthmore, Pa.* |
| Zigler, Paul | *Wellesley, Mass.* |

## Junior Class

| | |
|---|---|
| Abodeely, Michael Nassif, Jr. | *Worcester, Mass.* |
| Ackerman, Paul H. | *Brooklyn, N. Y.* |
| Adams, Keith Wilcox | *Omaha, Nebr.* |
| Alcaide, Theodore Otto | *Newton, Mass.* |
| Allen, James Paul | *Rumford, R. I.* |
| Ansbacher, Benjamin R. | *Burlington, Vt.* |
| Armstrong, Robert Avery | *Springfield, Mass.* |
| Arthur, Henry Bradford, Jr. | *Hinsdale, Ill.* |
| Athanassiades, Nicholas Simos | *Athens, Greece* |
| Atwood, James Foster | *Minneapolis, Minn.* |
| Baddock, Sheldon S. | *Baltimore, Md.* |
| Baranovic, Boris | *Yugoslavia* |
| Bassett, Earle Ross | *West Englewood, N. J.* |
| Bennett, Joseph Harold | *Bayonne, N. J.* |
| Bennett, Peter Stevens | *Barrington, R. I.* |
| Berman, Stanley Marvin | *Louisville, Ky.* |
| Bias, Daniel Buchanan | *Santa Cruz, Calif.* |
| Biggert, Rody Patterson, Jr. | *Hinsdale Ill.* |
| Bischof, John Edward George | *Rockville Centre, N. Y.* |
| Black, Alan Russell | *Nixon, N. J.* |
| Bliss, Charles Michael | *Lincoln, Mass.* |
| Bloom, Barry Robert | *Philadelphia, Pa.* |
| Bohmer, Harold, Jr. | *Amherst, Mass.* |
| Bonnett, Howard Thompson, Jr. | *Evanston, Ill.* |
| Born, Dirck Ten Broeck | *Boston, Mass.* |
| Bowers, Ralph Henin | *Longmeadow, Mass.* |
| Brown, Charles Henry, Jr. | *Lake Forest, Ill.* |
| Brown, Preston Charles | *Longmeadow, Mass.* |
| Brown, Ridley James | *Amherst, Mass.* |

| | |
|---|---|
| Brown, Wesley Miller | *Hutchinson, Kansas* |
| Burnham, Richard Irving | *Cooks Falls, N. Y.* |
| Burton, Richard Irving | *Providence, R. I.* |
| Cantor, William Lee | *Jersey City, N. J.* |
| Carmel, Robert | *Lawrence, N. Y.* |
| Carpenter, John Paul | *St. Paul, Minn.* |
| Carr, Norman Stewart | *Hanover, N. H.* |
| Charlton, John Kipp | *Hastings, Nebr.* |
| Chase, Philip Redfield, Jr | *Fayetteville, N. Y.* |
| Chase, Robert Daggett | *Broadalbin, N. Y.* |
| Chisholm, Alan Laird | *Pleasantville, N. Y.* |
| Clark, Allen Minott | *Mamaroneck, N. Y.* |
| Cole, Stanton Louis | *Canton, Ohio* |
| Condit, John Hillyer | *Montclair, N. J.* |
| Cowan, Dwight Billings | *South Shaftsbury, Vt.* |
| Crockett, Edward David, Jr. | *Washington, D. C.* |
| Danielson, Richard Renner | *Teaneck, N. J.* |
| Daus, Alan R. | *Shaker Heights, Ohio* |
| Davenport, John Leverett | *Riverside, Conn.* |
| Davidson, Frank Forest, Jr. | *Wellesley Hills, Mass.* |
| Davis, Charles Somers, III | *Philadelphia, Pa.* |
| Davis, John Paschall, Jr. | *Nashville, Tenn.* |
| Deane, Frederick Robinson McReynolds | *East Grand Rapids, Mich.* |
| deLemos, Robert A. | *Mount Vernon, N. Y.* |
| Diggs, Walter Edward, Jr. | *St. Louis, Mo.* |
| Dinces, Stephen Leonard | *Cedarhurst, N. Y.* |
| Dominick, Anthony | *Avon, Conn.* |
| Dorr, Glenn Bert, Jr. | *Madison, Conn.* |
| Dove, William Franklin, Jr. | *Oak Park, Ill.* |
| Eagles, Edward Prentice, II | *Washington, D. C.* |
| Eastman, Lucius Root, V | *San Antonio, Texas* |
| Eccles, Robert Stuart | *Owatonna, Minn.* |
| Eichenfield, Samuel L. | *East Rockaway, N. Y.* |
| Evers, Donald White, Jr. | *Glenbrook, Conn.* |
| Faissler, John Jacob, Jr. | *Chicago, Ill.* |
| Farnand, Patrick Godfrey | *Minneapolis, Minn.* |
| Fauver, Worth Alfred, Jr. | *Elyria, Ohio* |
| Feinberg, Barry Jay | *New York, N. Y.* |
| Feingold, Martin Lawrence | *Brooklyn, N. Y.* |
| Feldman, Daniel Edward | *Dallas, Texas* |
| Fernald, Peter Sutcliffe | *Longmeadow, Mass.* |
| Fitchen, Allen Nelson | *Hamilton, N. Y.* |
| Follett, Alan Lee | *Hillsborough, Calif.* |

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| Fontana, Alan Fred | *Quincy, Mass.* |
| Ford, David Walter | *Chatham, N. J.* |
| Franck, Richard Wolfgang | *Springfield, Mass.* |
| Gardiner, Peter | *Forest Hills, N. Y.* |
| Gaunt, Abbot Stott | *Methuen, Mass.* |
| Gideonse, Hendrik David | *Great Neck, N. Y.* |
| Goddard, Alpheus John, III | *Sterling, Ill.* |
| Gold, Martin Roth | *New York, N. Y.* |
| Goldstein, Laurence Meyers | *New York, N. Y.* |
| Gorman, Thomas Carey | *Swampscott, Mass.* |
| Greaves, Edward Stanley | *Sayville, N. Y.* |
| Greenman, Frederic Edward | *Chestnut Hill, Mass.* |
| Groff, Gordon Baker | *Mount Vernon, N. Y.* |
| Gross, William B. Martin | *Hinsdale, Ill.* |
| Hannemann, William Charlton | *Denver, Colo.* |
| Harbach, Lee Brett | *Syracuse, N. Y.* |
| Harper, Emery Walter | *Branchville, N. J.* |
| Hart, Henry Clay, III | *Providence, R. I.* |
| Haught, Alan Frederic | *Bethesda, Md.* |
| Hayden, John Roderick | *Montclair, N. J.* |
| Hecht, Harvey Leon | *Belle Harbor, N. Y.* |
| Helmreich, Jonathan Ernst | *Brunswick, Maine* |
| Hewel, William Philip | *Richmond, N. H.* |
| Hicks, David Milton | *Worcester, Mass.* |
| Higinbotham, Arthur Elfring | *Pittsburgh, Pa.* |
| Hild, Allan S. | *Baldwin, N. Y.* |
| Hodge, Archibald Talbot | *Honeoye Falls, N. Y.* |
| Hoffman, Everett Mansfield, Jr. | *Gladwyne, Pa.* |
| Hopkins, John Bradford | *Brattleboro, Vt.* |
| Horton, Christopher Noble | *Saddle River, N. J.* |
| Hostetter, Amos Barr, Jr. | *Short Hills, N. J.* |
| Huber, David Goss | *Locust, N. J.* |
| Jackson, William Morris | *Hewlett, N. Y.* |
| James, David Bushrod, III | *Philadelphia, Pa.* |
| Jenkins, Peter Pineo, Jr. | *West Barnstable, Mass.* |
| Jewett, William Hugh | *Springfield, N. J.* |
| Johnson, Donald Fitch | *Duluth, Minn.* |
| Karet, James Michael | *Kenmore, N. Y.* |
| Keith, George Eldon, Jr. | *Brockton, Mass.* |
| Kelly, George Phillips | *Edgewood, R. I.* |
| Kern, Thomas Noel | *Cleveland Heights, Ohio* |
| Kleeb, Robert Henry, Jr. | *Wayne, Pa.* |

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| Kligerman, Martin J. | *Ventnor City, N. J.* |
| Koff, David Edward | *Kingston, Pa.* |
| Koretz, Allan Robert | *Highland Park, Ill.* |
| Krass, Alfred Charles | *Lynbrook, N. Y.* |
| Krumsiek, James Bernard | *Springfield, Mass.* |
| Krupman, William Allan | *University Heights, Ohio* |
| Kunz, Peter Leigh | *Park Ridge, Ill.* |
| Lagomarcino, John Paul, Jr. | *Burlington, Iowa* |
| Lanphere, Eric Daniel | *Corry, Pa.* |
| Lansinger, Lawrence Milfred | *Akron, Ohio* |
| Lear, George Andrew, Jr. | *Philadelphia, Pa.* |
| Lees, Charles William | *Chatham, Mass.* |
| Leftwich, Robert Francis, Jr. | *Bronxville, N. Y.* |
| Low, Kenneth Brooks, Jr. | *New Rochelle, N. Y.* |
| Luria, Edward David | *New York, N. Y.* |
| Lutz, Charles Albrecht | *West Hempstead, N. Y.* |
| Lyne, Stephen Richard | *Rutland, Vt.* |
| McDonald, Joseph Francis | *Pelham, N. Y.* |
| McLamb, Peyton Fentrell, Jr. | *Ridgewood, N. J.* |
| McLean, John Marshall | *Ayer, Mass.* |
| McMurray, Walter Joseph | *Greenfield, Mass.* |
| Magid, James Irwin | *Nashville, Tenn.* |
| Maher, Colin Michelson | *Greens Farms, Conn.* |
| Maling, Stephen Gessner | *Cape Elizabeth, Maine* |
| Maud, George Dwight | *Blue Point, N. Y.* |
| Mayer, Roger Gottfried | *Madison, Wis.* |
| Mayhew, David Raymond | *Winsted, Conn.* |
| Megargee, Edwin Inglee | *Scottsdale, Ariz.* |
| Merritt, Richard Evalon | *Plattsburg, N. Y.* |
| Miller, John McCroskery, Jr. | *Newburgh, N. Y.* |
| Monroe, Frederick Fales | *New Rochelle, N. Y.* |
| Moores, Donald Frederick | *Hartford, Conn.* |
| Morgan, Jasper William, Jr. | *Windsor, Conn.* |
| Most, Albert Stephen | *Mount Vernon, N. Y.* |
| Nelson, Robert Ende, Jr. | *Maplewood, Mo.* |
| Niehuss, John Marvin | *Ann Arbor, Mich.* |
| Noer, Richard Juul | *Louisville, Ky.* |
| Norcott, Richard Bullard, Jr. | *Stamford, Vt.* |
| Northrop, James Watson | *Rochester, N. Y.* |
| Norton, John Bradley | *Longmeadow, Mass.* |
| Ohl, Ronald Edward | *Warren, Ohio* |
| Page, Harry Oliver, Jr. | *Albany, N. Y.* |
| Papa, John Smith, Jr. | *Bristol, Conn.* |

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| Parker, Peter Donald MacDougal | *Shrewsbury, Mass.* |
| Parker, Robert Allan Ridley | *Shrewsbury, Mass.* |
| Patterson, Charles Wilson | *New Britain, Conn.* |
| Pendleton, John Braman | *Shaker Heights, Ohio* |
| Peterson, Nils Peter | *Wayzata, Minn.* |
| Porter, Roger Jeffery | *Elizabeth, N. J.* |
| Powell, Arthur George | *Staten Island, N. Y.* |
| Price, Don Cravens | *Scarsdale, N. Y.* |
| Rapson, Richard Lawrence | *New York, N. Y.* |
| Reopell, William Raymond | *Williamstown, Mass.* |
| Richman, Harold Samuel | *St. Petersburg, Fla.* |
| Richman, Marc William | *Boston, Mass.* |
| Riendeau, Richard Rene | *Ware, Mass.* |
| Robinson, Warrick Charles | *Oyster Bay, N. Y.* |
| Rounds, Thomas Emerson, III | *Danbury, Conn.* |
| Routh, Donald McMillan | *Sandusky, Ohio* |
| Rugh, Peter Newton | *Scotia, N. Y.* |
| Ryan, William James | *Summit, N. J.* |
| Sabin, James Norbeck | *Washington, D. C.* |
| Saltman, Michael Alan | *Mount Vernon, N. Y.* |
| Sams, John Robert | *Denver, Colo.* |
| Schaenen, Michael | *Dallas, Texas* |
| Schemm, Christopher Merrifield | *Grafton, Vt.* |
| Scherby, Michael Lawrence | *Jersey City, N. J.* |
| Schueller, Thomas George | *New Rochelle, N. Y.* |
| Schwartz, Stephen L. | *Flushing, N. Y.* |
| Scott, David Allan | *Warwick, R. I.* |
| Scott, Roy, Jr. | *Hadlyme, Conn.* |
| Scutt, Harold Lockwood, Jr. | *Rydal, Pa.* |
| Sheinin, James Charles | *Chicago, Ill.* |
| Sherman, Ronald Earl | *Englewood, N. J.* |
| Simon, Michael Arthur | *Maplewood, N. J.* |
| Sisk, Michael Bailey | *Maplewood, N. J.* |
| Slade, James William | *White Bear Lake, Minn.* |
| Smith, Charles Bryan | *Weston, Mass.* |
| Smith, Winthrop Ware | *Fair Lawn, N. J.* |
| Smyth, William Paul | *Chatham, N. Y.* |
| Snyder, Homer Evan | *Washington, D. C.* |
| Sonstroem, David Arthur | *Litchfield, Conn.* |
| Spero, Carl Michael | *New York, N. Y.* |
| Stafford, Noel Dennis, Jr. | *Darien, Conn.* |
| Stauber, Ralph Otto, Jr. | *Webster Groves, Mo.* |
| Stephens, David Rockwell | *South Woodstock, Vt.* |

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|---|---|
| Stewart, Donald Nelson | *Rosemont, Pa.* |
| Stowe, David Henry, Jr. | *Washington, D. C.* |
| Strauss, Peter Franc | *Newtonville, Mass.* |
| Suzuki, David Takayoshi | *London, Ontario, Canada* |
| Sweeney, John Patrick, Jr. | *West Roxbury, Mass.* |
| Taylor, Marc Jules | *Mount Vernon, N. Y.* |
| Terino, Edward Owen | *East Greenbush, N. Y.* |
| Thaler, Seth Ulric | *Riverdale, N. Y.* |
| Thompson, Robert James | *Bethlehem, Pa.* |
| Tibbetts, Hutchin David | *Saratoga Springs, N. Y.* |
| Tilton, David Ward | *Chagrin Falls, Ohio* |
| Truesdell, Lynn George, III | *Minneapolis, Minn.* |
| Utsch, Hans Peter | *Scarsdale, N. Y.* |
| Utz, Leonard Meservey | *Port Washington, N. Y.* |
| Uyeda, Gordon Kanji | *Honolulu, T. H.* |
| Van Arnam, George Anibal, Jr. | *Northville, N. Y.* |
| Vance, John Warren, III | *Evanston, Ill.* |
| Van Dusen, Peter Cross | *Minneapolis, Minn.* |
| Vester, Norman Rohde, Jr. | *Springfield, Mass.* |
| von Oppenheim, Friedrich Carl | *Cologne, Germany* |
| Waite, Stephen Holden | *Rochester, N. Y.* |
| Walker, Robert David | *Wellesley, Mass.* |
| Warner, Albert Lyman, Jr. | *Washington, D. C.* |
| Warren, Bruce Alfred | *Arlington, Mass.* |
| Warren, William Albert | *Leipsic, Ohio* |
| Webb, Jean Francis, IV | *Ridgefield, Conn.* |
| Wenders, John Thomas, Jr. | *White Mills, Pa.* |
| West, Robert Edward | *Manchester Center, Vt.* |
| White, Asher Abbott, Jr. | *Minneapolis, Minn.* |
| Wieland, John George Fox | *Kenilworth, Ill.* |
| Wiggin, John Tracy | *Attleboro, Mass.* |
| Williams, Richard James | *Warren, Ohio* |
| Willis, George Pleasant, III | *El Campo, Texas* |
| Winram, Samuel Curtis | *Hingham, Mass.* |
| Wolff, Morris Hirsch | *Elkins Park, Pa.* |
| Wolman, Howard Bennett | *Baltimore, Md.* |
| Woodruff, Spofford | *Barrington, R. I.* |
| Young, Donald Chandler, Jr. | *Redding Ridge, Conn.* |
| Zinner, John | *Great Neck, N. Y.* |

## Sophomore Class

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|---|---|
| Abbe, Robert Reed | *Wethersfield, Conn.* |
| Abbott, Wilder Kimball | *Rumford, Maine* |
| Abele, John Eaton | *Newton Highlands, Mass.* |
| Abeles, Richard Alan | *Chicago, Ill.* |
| Abruzzi, Reynold Thomas Joseph, Jr. | *Wayne, Pa.* |
| Alonso, Miguel Ramon | *Santurce, Puerto Rico* |
| Amiel, Joseph Jacob | *New York, N. Y.* |
| Amis, George Townsend | *Bronxville, N. Y.* |
| Andrews, Joseph Lyon, Jr. | *Scarsdale, N. Y.* |
| Angrist, Eugene Paul | *Belmar, N. J.* |
| Applewhite, James Vernon | *New Orleans, La.* |
| Banner, Richard Lionel | *Brooklyn, N. Y.* |
| Barnes, Alexander Edward | *Ashburnham, Mass.* |
| Bartlett, James Theodore | *Larchmont, N. Y.* |
| Bartlett, Noel Sloane | *Upper Montclair, N. J.* |
| Baumann, Albert Otto, II | *Lakewood, Ohio* |
| Beckford, Joseph Gorham | *Westboro, Mass.* |
| Bedford, Frederick Thomas, III | *New York, N. Y.* |
| Beebe, Christopher | *Amherst, Mass.* |
| Behrendt, Douglas Mather | *Howard, R. I.* |
| Benjamin, Thomas Livingston | *Providence, R. I.* |
| Bennet, William Stiles | *Newburgh, N. Y.* |
| Bent, Bruce Duval | *Denver, Colo.* |
| Bernstein, Daniel Lewis | *Chevy Chase, Md.* |
| Betke, George Calhoun, Jr. | *Verona, N. J.* |
| Birge, Stanley Julius, Jr. | *St. Louis, Mo.* |
| Bloch, Herbert Spencer | *Baldwin, L. I., N. Y.* |
| Block, Peter Carl | *Baltimore, Md.* |
| Blystone, Richard Martin | *Elmira, N. Y.* |
| Bolton-Smith, Carlile, Jr. | *Washington, D. C.* |
| Bond, Richard Clarkson, Jr. | *Haverford, Pa.* |
| Borden, David Marshall | *Hartford, Conn.* |
| Bowie, Stuart Sheldon | *Swarthmore, Pa.* |
| Boyer, Jonathan David | *Fair Lawn, N. J.* |
| Brown, Samuel Alexander | *Maywood, N. J.* |
| Bryer, Jackson Robert | *New York, N. Y.* |
| Burwell, Lawrence Rogers | *Washington, D. C.* |
| Carlen, Jans McKenzie | *Concord, N. H.* |
| Carter, Brock Thomas | *Cleveland Heights, Ohio* |
| Cashel, Charles Michael | *Worthington, Minn.* |
| Cavanagh, William Heasly | *New York, N. Y.* |
| Cederbaum, Stephen David | *Brooklyn, N. Y.* |

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|---|---|
| Clapp, Peter Russell | *Amherst, Mass.* |
| Clark, Benjamin Preston, 3rd | *Framingham Center, Mass.* |
| Clark, Chester Dodge | *Rockport, Mass.* |
| Clark, John Levan Demaree | *Cynthiana, Ky.* |
| Close, John Campbell | *Glen Ridge, N. J.* |
| Cohen, Allan Ray | *University Heights, Ohio* |
| Coleman, Brady Steele | *Short Hills, N. J* |
| Conklin, Peter Martin | *Amherst, Mass.* |
| Cook, Richard Alan | *Mohawk, N. Y.* |
| Coon, John Lewis, III | *Framingham Center, Mass.* |
| Cornell, Thomas Browne | *Shaker Heights, Ohio* |
| Coy, Albert Wayne, Jr. | *Albuquerque, N. M.* |
| Crawford, Kenneth Douglas | *Redwood City, Calif.* |
| Creamer, George Manley, Jr. | *Atherton, Calif.* |
| Creswell, Isaiah Thornton, Jr. | *Nashville, Tenn.* |
| Crosby, George Christian, Jr. | *Wayzata, Minn.* |
| Crowley, Hubert Cameron | *White Plains, N. Y.* |
| D'Alvia, Raymond Anthony | *Croton-on-Hudson, N. Y.* |
| Dalzell, Robert Fenton, Jr. | *Cleveland Heights, Ohio* |
| Davis, William Edwin, Jr. | *Billerica, Mass.* |
| Dean, John William | *New York, N. Y.* |
| de la Ossa, Arthur Dwight | *Great Neck, N. Y.* |
| Deligeorges, John | *Niantic, Conn.* |
| Dellmuth, Carl Sturges | *Swarthmore, Pa.* |
| DeMallie, Richard Brink, Jr. | *Rochester, N. Y.* |
| Demcisak, John Michael | *Phoenixville, Pa.* |
| Denious, Robert Wilbur | *Denver, Colo.* |
| DeVivo, Darryl Claude | *Everett, Mass.* |
| Dickson, Colin Campbell | *Paoli, Pa.* |
| Dodyk, Paul Michael | *Hamtramck, Mich.* |
| Dower, John William | *Providence, R. I.* |
| Duncombe, Bruce Flagg | *Brockton, Mass.* |
| Eastman, O. Rolfe, Jr. | *Burlington, Vt.* |
| Edey, Winthrop Kellogg | *Brookville, L. I., N Y.* |
| Edwards, Gordon Stuart | *New Canaan, Conn.* |
| Edwards, John White | *Columbus, Ohio* |
| Eighmy, Thomas Harden | *Buffalo, N. Y.* |
| Erbsen, Claude Ernest | *New York, N. Y.* |
| Estrin, Mark Walter | *Brooklyn, N. Y.* |
| Esty, Peter Tuckerman | *Amherst, Mass.* |
| Ewing, James Hildreth | *Easthampton, Mass.* |
| Finn, James Webster | *Greenwich, Conn.* |
| Fortuin, Floyd David | *Ridgewood, N. J.* |

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| Fosdick, Peter | *Longmeadow, Mass.* |
| Frank, Sanders Thalheimer | *Middletown, Conn.* |
| Freels, John William, Jr. | *Kenilworth, Ill.* |
| French, William Chapman | *White Plains, N. Y.* |
| Frymoyer, John Willard | *Foxboro, Mass.* |
| Gardiner, John Rolfe | *Bryn Mawr, Pa.* |
| Garson, Peter Kenneth | *Shaker Heights, Ohio* |
| Glickman, Albert Blau | *Shaker Heights, Ohio* |
| Goldberg, William Ira | *Highland Park, Ill.* |
| Goldin, Joel | *Yonkers, N. Y.* |
| Gordon, Leonard | *White Plains, N. Y.* |
| Gottesfeld, Kenneth Ray | *Denver, Colo.* |
| Goulder, Herbert Ira | *Shaker Heights, Ohio* |
| Graves, Timothy Frederic | *Clayton, Mo.* |
| Green, Robert Thomas, Jr. | *Shelby, Ohio* |
| Green, Theodore, III | *Williamsville, N. Y.* |
| Greenslade, Thomas Boardman, Jr. | *Staten Island, N. Y.* |
| Greer, Louis Raisler | *Rye, N. Y.* |
| Grosfeld, James Jacob | *Woodmere, L. I., N. Y.* |
| Guetti, James Lawrence, Jr. | *Somerville, N. J.* |
| Gundersheimer, Werner Leonard | *Glenside, Pa.* |
| Gunn, Giles Buckingham | *Highland Park, Ill.* |
| Gurko, Stephen | *New York, N. Y.* |
| Hagmann, John Shugart | *Mount Vernon, N. Y.* |
| Halleran, Thomas Augustus | *New York, N. Y.* |
| Harlan, Walter Scott, II | *Pittsburgh, Pa.* |
| Havighurst, Bruce James | *Shaker Heights, Ohio* |
| Hayes, Raymond Lewis, Jr. | *Washington, D. C.* |
| Hazen, Anthony | *Dedham, Mass.* |
| Heideman, Robert I. | *Brooklyn, N. Y.* |
| Helm, Donald Cairney | *Wayne, Pa.* |
| Hickey, Terrance William | *Englewood, N. J.* |
| Hicks, Donald Jeffrey | *Worcester, Mass.* |
| Higgins, George Clinton, Jr. | *Rochester, N. Y.* |
| Hindley, Anthony Frederick | *Saylesville, R. I.* |
| Hirsch, Steven Richard | *Glencoe, Ill.* |
| Holmes, Robert Raymond | *Hamden, Conn.* |
| Holsman, Wayne Alfred | *Pelham, Mass.* |
| Houston, John Poston | *Albany, N. Y.* |
| Hull, James Roger, Jr. | *Darien, Conn.* |
| Hummer, Charles DeWitt, Jr. | *Swarthmore, Pa.* |
| Ittel, G. Robert | *Pittsburgh, Pa.* |
| Jacobson, Peter David | *New York, N. Y.* |

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| Janeway, Charles McKown | *Rochester, N. Y.* |
| Jason, Robert Stewart, Jr. | *Washington, D. C.* |
| Jenkins, Donald Chase | *Greenwich, Conn.* |
| Jim, Dennis Fook Chin | *Honolulu, T. H.* |
| Johnson, Arthur Cook | *Springfield, Mass.* |
| Johnson, Bradford Judkins | *Winchester, Mass.* |
| Johnson, H. Keith | *New York, N. Y.* |
| Johnson, Robert Wells | *Kensington, Conn.* |
| Jones, William Irvin, Jr. | *Philadelphia, Pa.* |
| Keith, Allan Reed | *Brockton, Mass.* |
| Keutmann, Henry Todd | *Rochester, N. Y.* |
| Korper, Christopher Chester | *West Hartford, Conn.* |
| Kreutter, William Frederick, Jr. | *Denver, Colo.* |
| Landy, Macreay John | *Wilmington, Del.* |
| Lawler, Francis Joseph | *Greenfield, Mass.* |
| Lee, John Ming-Yee | *Hong Kong, China* |
| Leland, Sanford Churchill | *Florence, Mass.* |
| Lelewer, Stanley David | *Glencoe, Ill.* |
| Leonard, Warren Ramsdell | *Port Washington, N. Y.* |
| Liebert, John Arthur | *Milwaukee, Wis.* |
| Lienhard, Gustav Edward | *Metuchen, N. J.* |
| Lindeman, Lee Neubert | *Fairfield, Conn.* |
| Linton, Donald Lowry | *Ho-Ho-Kus, N. J.* |
| Lipton, Allan | *Brooklyn, N. Y.* |
| Litmans, Murray I. | *Pittsburgh, Pa.* |
| Long, John Rittenhouse | *Short Hills, N. J.* |
| Lord, John McCollum | *Brewer, Maine* |
| Lyle, Norris Bailey | *Philadelphia, Pa.* |
| McBride, Robert Edwin | *Lebanon, Conn.* |
| McCann, Richard Andrew | *Chappaqua, N. Y.* |
| McDaniel, Walter Bacon | *Wilmington, Del.* |
| McGoldrick, Michael Earles | *Seattle, Wash.* |
| McLean, Robert Hopkins | *Ayer, Mass.* |
| McQuillan, William Lawrence, Jr. | *Pittsburgh, Pa.* |
| Mann, Lawrence Keith | *Wyncote, Pa.* |
| Mannheim, Richard George, Jr. | *Ridgewood, N. J.* |
| Margulis, Robert Howard | *New Rochelle, N. Y.* |
| Maurer, Barry David | *Maplewood, N. J.* |
| Medelman, James Kyle | *White Bear Lake, Minn.* |
| Mierke, Harvey Oliver, Jr. | *Shaker Heights, Ohio* |
| Miller, Bruce Hyatt | *Columbus, Ohio* |
| Min, Suk Ki | *Seoul, Korea* |
| Minely, John Stargis | *Bridgeport, Conn.* |

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| Moler, William Cary | *Columbus, Ohio* |
| Moorhead, Robert George Chadbourne | *Chevy Chase, Md.* |
| Morgan, Gerald Demuth, Jr. | *Gaithersburg, Md.* |
| Morris, Stanley William | *Kew Gardens Hills, N. Y.* |
| Morrison, Donald Arthur | *Arlington, Va.* |
| Morton, George Geoffrey | *St. Paul, Minn.* |
| Moyer, Charles Elwood, Jr. | *Bethlehem, Pa.* |
| Newmann, Fred M. | *Highland Park, Ill.* |
| Oberteuffer, Theodore Kendall | *Worthington, Ohio* |
| Obre, Paul Lippincott | *Great Neck, L. I., N. Y.* |
| Oko, Benjamin Kuhn | *New York, N. Y.* |
| Olney, Warren, IV | *Washington, D. C.* |
| Opdyke, Markley Elwood | *Sidney, N. Y.* |
| Page, Robert Bicknell | *New York, N. Y.* |
| Palmer, Kenneth Townsend | *Glen Ridge, N. J.* |
| Parker, David Brewster | *Lincoln, Ill.* |
| Pasternak, Albert Stuart | *Scarsdale, N. Y.* |
| Phelps, Richard Ladd | *Ann Arbor, Mich.* |
| Phillips, Forman Stillwell | *Troy, N. Y.* |
| Pitarys, Peter Soterios | *Portland, Maine* |
| Poler, Henry Saylor | *Bronxville, N. Y.* |
| Posner, Lawrence David | *Washington, D. C.* |
| Postel, Wilfred Baxter | *Marlboro, N. Y.* |
| Powers, James Fay | *Turners Falls, Mass.* |
| Pozefsky, William | *Gloversville, N. Y.* |
| Pryde, Philip Rust | *Pittsfield, Mass.* |
| Purdy, Kenneth Leigh | *Croton-on-Hudson, N. Y.* |
| Putnam, Tarrant | *New York, N. Y.* |
| Rappoport, Jonathan | *White Plains, N. Y.* |
| Ravenel, Lee Benoist | *Chevy Chase, Md.* |
| Ribicoff, Peter David | *Hartford, Conn.* |
| Rice, Berkeley David | *Hyannis, Mass.* |
| Richardson, Thomas Billings Davenport | *Longmeadow, Mass.* |
| Rideout, Charles Hamilton, Jr. | *Bethesda, Md.* |
| Rippard, Jay Carlisle | *Philadelphia, Pa.* |
| Roisman, Gerald Asher | *Hartford, Conn.* |
| Roush, George Jonathan | *Atherton, Calif.* |
| Rubin, Matthew Max | *Great Neck, N. Y.* |
| Sadowsky, Jack Michael | *New York, N. Y.* |
| Salomon, Robert Stephen, Jr. | *Stamford, Conn.* |
| Sanders, Barrett | *Brooklyn, N. Y.* |
| Sawyer, Dana Dean, Jr. | *Winchester, Mass.* |
| Schier, Rudolf Dirk | *New Rochelle, N. Y.* |

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| Schlafer, Dale Lehman | *Detroit, Mich.* |
| Schopf, Craig William | *Grand Rapids, Mich.* |
| Schroeder, Edward Bernhard | *Kenilworth, Ill.* |
| Schwemm, Richard Earl | *Barrington, Ill.* |
| Scott, James Elliott | *Huntington, W. Va.* |
| Sears, Frederic Jerome | *Longmeadow, Mass.* |
| Segal, William George | *Newton Centre, Mass.* |
| Selden, Mark Brian | *Brooklyn, N. Y.* |
| Shea, Howard Robert William | *Holyoke, Mass.* |
| Shearer, Kenneth Decker, Jr. | *Lawrence, N. Y.* |
| Sheppard, David Elson | *Wallingford, Pa.* |
| Shere, Joshua | *Glencoe, Ill.* |
| Shields, Joseph Dunbar, III | *Concord, N. H.* |
| Shilling, A. Gary | *Fremont, Ohio* |
| Shoemaker, Charles Padley, Jr. | *Franklin, N. J.* |
| Sinauer, Andrew Douty | *White Plains, N. Y.* |
| Smith, Charles Moulton | *Wellesley Hills, Mass.* |
| Snellgrove, Richard Allen | *Mount Vernon, N. Y.* |
| Spater, Thomas Clark | *Ardsley-on-Hudson, N. Y.* |
| Spaulding, Richard Metcalf | *Winchester, Mass.* |
| Spencer, John Haines, Jr. | *Pittsfield, Mass.* |
| Springer, Melvyn Frederick | *West Haven, Conn.* |
| Stern, Henry Hirsh, Jr. | *St. Louis, Mo.* |
| Stern, Peter Douglas | *Forest Hills, L. I., N. Y.* |
| Steuer, Rene | *Petropolis, Brazil* |
| Stewart, Henry Holden | *Waltham, Mass.* |
| Stillman, James Sydney, III | *Brookline, Mass.* |
| Strausbaugh, James Nelson, Jr. | *Meadville, Pa.* |
| Strauss, David | *Clayton, Mo.* |
| Stuart, Thomas Edward | *Denver, Colo.* |
| Sucsy, Richard George | *Valley Stream, N. Y.* |
| Suval, John Philip | *Lawrence, N. Y.* |
| Sykes, Donald Myrick, Jr. | *Bala-Cynwyd, Pa.* |
| Taft, Robert Wilson | *Shaker Heights, Ohio* |
| Taft, Sheldon Ashley | *Columbus, Ohio* |
| Talner, Lee Bland | *New Rochelle, N. Y.* |
| Taylor, Andrew Lex | *Lincoln, Mass.* |
| Taylor, David Dax | *St. Louis, Mo.* |
| Teare, Robert Newell | *Evanston, Ill.* |
| Thomases, Robert Allan | *Englewood, N. J.* |
| Thombs, David Dawson | *Charlestown, Ind.* |
| Thompson, Kenneth Stuart | *New York, N. Y.* |
| Throop, Adrian Westbrook | *Scarsdale, N. Y.* |

| | |
|---|---|
| Tucker, Garrett Rezeau, III | *Houston, Texas* |
| Tulchin, Joseph Samuel | *New York, N. Y.* |
| Tulloch, James Douglas | *Merrick, N. Y.* |
| Ullmann, Laurence Emery | *Lake Bluff, Ill.* |
| Vaughan, Maurice Hamilton, Jr. | *Wilmington, N. C.* |
| Vonckx, Paul Nelson, Jr. | *Hingham, Mass.* |
| Wadhams, John Dellert | *Bloomfield, Conn.* |
| Wadors, Boniface | *Linden, N. J.* |
| Walker, Robert Andrew, Jr. | *St. Davids, Pa.* |
| Wallace, James Donald | *Troy, N. Y.* |
| Ward, Samuel Porter | *Lake Bluff, Ill.* |
| Watkins, Mark E. | *Merion Station, Pa.* |
| Webster, Robert Edward | *Hamden, Conn.* |
| Weinsaft, Malcolm Howard | *Brooklyn, N. Y.* |
| Weir, Thomas Wilson | *Creve Coeur, Mo.* |
| Weisberger, William Ira | *Scarsdale, N. Y.* |
| Weston, Alan Eugene | *Cincinnati, Ohio* |
| Whitney, John Herbert | *Washington, D. C.* |
| Wilcox, Harvey John | *Elyria, Ohio* |
| Willis, Clodius Harris, Jr. | *Princeton, N. J.* |
| Witte, Gerhard | *Trenton, N. J.* |
| Wollan, David Strand | *Hingham, Mass.* |
| Wood, Albert Frederick | *Amherst, Mass.* |
| Wooten, Richard Leland | *Summit, N. J.* |
| Worfolk, Donald Edmund | *Orange, Conn.* |
| Wyly, William James, III | *Kansas City, Mo.* |
| Yegian, Charles Diran | *Pelham, Mass.* |
| Yeh, Max Wei | *Davis, Calif.* |
| Younger, Paul Holbrook | *Barrington, Ill.* |
| Zauber, Kenneth Paul | *West Allenhurst, N. J.* |
| Zimmermann, Robert Alan | *Wyncote, Pa.* |

## Freshman Class

| | |
|---|---|
| Allen, Julius Cadden | *Norwich, Conn.* |
| Allen, Robert Holt | *Germantown, Tenn.* |
| Allison, Alexander Cochrane, II | *Garden City, N. Y.* |
| Alonso, William A. | *Santurce, Puerto Rico* |
| Baer, Stephen Cooper | *Los Angeles, Calif.* |
| Bailey, Thomas Emerson | *Philadelphia, Pa.* |
| Baker, Jonathan Benjamin | *Ventnor City, N. J.* |
| Baldwin, Charles Stephen | *Washington, D. C.* |
| Baldwin, Gordon Corcoran | *Shaker Heights, Ohio* |
| Barbash, Steven | *Teaneck, N. J.* |

| | |
|---|---|
| Barber, Wayne Sidman | *Short Hills, N. J.* |
| Barnes, Timothy Earl | *Hastings-on-Hudson, N. Y.* |
| Barnett, Jay Gold | *New York, N. Y.* |
| Barrett, Colin Douglas | *Arlington, Va.* |
| Bartlett, John Beard | *Bronxville, N. Y.* |
| Bartlett, Richard Walter | *Duxbury, Mass.* |
| Bastian, John Frederick | *Rochester, N. Y.* |
| Bates, John Rhodes | *Swarthmore, Pa.* |
| Beer, Brian | *Delmar, N. Y.* |
| Belli, Pedro, Jr. | *Managua, Nicaragua* |
| Billings, John Curtis Harper, Jr | *Libertyville, Ill.* |
| Blaich, Charles Richard | *Poughkeepsie, N. Y.* |
| Blume, Ralph Stuart | *Yonkers, N. Y.* |
| Boettiger, John Roosevelt | *Lafayette, N. Y.* |
| Bookwalter, John Robert | *Columbiana, Ohio* |
| Borton, John Carter, Jr. | *Alexandria, Va.* |
| Bradford, David Frantz | *Arlington, Mass.* |
| Breed, Putnam Pope | *Lynn, Mass.* |
| Breitenstein, Peter Frederic | *Denver, Colo.* |
| Brisk, Richard Allan | *Great Neck, N. Y.* |
| Britton, Francis Knight, Jr. | *Bradford, Conn.* |
| Brower, Jonathan Porter | *Belmont, Mass.* |
| Brown, Geoffrey Norton | *Greenwich, Conn.* |
| Brown, Robert Savage | *St. Paul, Minn.* |
| Brown, Thomas Patterson | *Kirkwood, Mo.* |
| Buchanan, John Goodwin | *Washington, D. C.* |
| Bulkeley, John Zane | *Redwood City, Calif.* |
| Bump, Daniel Boardman | *Weston, Mass.* |
| Burnell, Edward John, III | *Winnetka, Ill.* |
| Cady, Joseph Lawrence, Jr. | *Hastings-on-Hudson, N. Y.* |
| Calkins, Robert Barkley | *Creve Coeur, Mo.* |
| Canoni, John David | *Wellesley, Mass.* |
| Capone, Arthur Albert | *Revere, Mass.* |
| Church, William Lawrence | *Milwaukee, Wis.* |
| Churchill, William Allen | *Greenwich, Conn.* |
| Clark, Richard James, Jr. | *Winchester, Mass.* |
| Clay, Reuben Anderson, Jr. | *Richmond, Va.* |
| Clements, Rex Stowers, Jr. | *Bryn Mawr, Pa.* |
| Cobb, Charles Wilbar | *Newton Centre, Mass.* |
| Cohen, Edward Alan | *New York, N. Y.* |
| Colby, William George, Jr. | *Amherst, Mass.* |
| Collins, Charles Thompson | *So. Orange, N. J.* |
| Connolly, Owen Robert | *Weston, Mass.* |

| | |
|---|---|
| Cook, Stuart William, Jr. | *Glen Ridge, N. J.* |
| Corbett, William J., Jr. | *Tunnelton, Pa.* |
| Corliss, James Elbridge | *Evanston, Ill.* |
| Cornell, John Russell | *Scarsdale, N. Y.* |
| Cromley, William Henry, Jr. | *Moorestown, N. J.* |
| Crooks, Arthur Hew Dalrymple | *London, Ontario, Canada* |
| Cross, John Grosvenor | *Litchfield, Conn.* |
| Crowley, James Edward | *Holyoke, Mass.* |
| Dalsimer, Timothy Allan | *Cedarhurst, L. I., N. Y.* |
| Darrow, Daniel de Schweinitz | *Mission, Kan.* |
| Deutch, John Mark | *Washington, D. C.* |
| Dillon, William Walker | *Ardsley-on-Hudson, N. Y.* |
| DiNisco, Kenneth Faustino | *Medford, Mass.* |
| Dowell, George Howard, Jr. | *Baltimore, Md.* |
| Du Bois, Leon Joseph | *Rochester, N. Y.* |
| Duffy, George Richard, Jr. | *Fall River, Mass.* |
| Durrell, John Blaine | *New Albany, Ind.* |
| Dykstra, Kenneth James | *Albion, N. Y.* |
| Elder, Thomas Putnam | *Amherst, Mass.* |
| Farina, Terrance Lee | *Cedarhurst, N. Y.* |
| Fauvre, David Van Allen | *Noblesville, Ind.* |
| Ferguson, Richard Bert | *State College, Pa.* |
| Fine, Albert Hessel | *Brookline, Mass.* |
| Fishman, Louis Stephen | *Jamaica, N. Y.* |
| Fitzgerald, Roy G., III | *Dayton, Ohio* |
| Flaherty, Thomas John | *Salisbury, Mass.* |
| Flood, Charles Andrew | *New York, N. Y.* |
| Fogg, Gordon Everett | *Springfield, Mass.* |
| Forgie, James William, Jr. | *Bala-Cynwyd, Pa.* |
| Foster, David Scott | *Ithaca, N. Y.* |
| Friendly, Jonathan | *Washington, D. C.* |
| Funk, David Gordon | *Oak Park, Ill.* |
| Gaskell, David Henry | *West Burke, Vt.* |
| Gernold, Richard Leonard | *Eggertsville, N. Y.* |
| Gilbert, Peter Richard | *Brooklyn, N. Y.* |
| Gillett, George Nield, Jr. | *Racine, Wis.* |
| Gillis, John Randall | *Eggertsville, N. Y.* |
| Glickman, Robert Morris | *Brooklyn, N. Y.* |
| Greek, Darold Irving, Jr. | *Columbus, Ohio* |
| Greenaway, Malcolm Graham, Jr. | *New London, Conn.* |
| Gross, Peter Alan | *So. Orange, N. J.* |
| Guthrie, Daniel Albert | *Garden City, N. Y.* |
| Hadley, Frederic Murray, Jr. | *Indianapolis, Ind.* |

| | |
|---|---|
| Hall, Richard Chandler | *Washington, D. C.* |
| Ham, Thomas Caverno, III | *Shaker Heights, Ohio* |
| Hanford, Samuel Roby | *Rochester, N. Y.* |
| Harriss, Richard Tompkins, III | *Fairfield, Conn.* |
| Hatfield, Philip Mitchell | *Bedford, Ind.* |
| Healy, James Joseph | *Worcester, Mass.* |
| Heaton, William Edwin, Jr. | *Coral Gables, Fla.* |
| Heckel, Philip Henry | *Rochester, N. Y.* |
| Henke, Joseph Thornbury | *Seattle, Wash.* |
| Henry, John Allen | *Hingham, Mass.* |
| Higbie, Robert Griggs | *Bethesda, Md.* |
| Hildreth, Arthur McLean | *Rockville, Md.* |
| Holland, Charles Howard | *Wellesley, Mass.* |
| Hollis, Robert Louis | *Warren, Ohio* |
| Holmes, Gordon, Jr. | *Providence, R. I.* |
| Hoorneman, Evan Robert | *LeMars, Iowa* |
| Hooton, Arthur, Jr. | *Danbury, Conn.* |
| Hopkins, Robert Parker | *Hingham, Mass.* |
| Hosford, Charles David | *Amherst, Mass.* |
| Howe, Peter Burnett | *Verona, N. J.* |
| Hubert, Richard Frank | *Brookline, Mass.* |
| Hulley, Stephen Benjamin | *Hyannis, Mass.* |
| Huston, Edwin Allen | *Wynnewood, Pa.* |
| Hutchinson, Bruce Willis | *St. Paul, Minn.* |
| Ingersoll, Andrew Perry | *Brooklyn, N. Y.* |
| Inskeep, Peter Vincent | *Plainfield, N. J.* |
| Jackson, James Spurgeon, Jr. | *Yonkers, N. Y.* |
| Jassie, Newton Laurence | *Brooklyn, N. Y.* |
| Jewett, Robert Allen | *Springfield, N. J.* |
| Johnson, Charles Wadsworth, III | *Scarsdale, N. Y.* |
| Johnson, James Stanley, Jr. | *Altadena, Calif.* |
| Johnson, Robert Maurice | *Woodlawn, Md.* |
| Jolley, Walter George | *Grand Rapids, Mich.* |
| Jones, Clergue | *New York, N. Y.* |
| Jones, Hugh Richard, Jr. | *New Hartford, N. Y.* |
| Keady, Richard Emmett | *Woodside, Calif.* |
| Keally, Francis Taber | *New York, N. Y.* |
| Keffer, David Ralph | *Titusville, N. J.* |
| Keith, Thomas Barland, II | *Marion, Iowa* |
| Kelley, Frederick Eastman | *Arlington, Mass.* |
| Kelley, Paul Arnold | *Long Valley, N. J.* |
| Kirk, John Gallatin | *Wilmington, Ohio* |
| Kirschenbaum, Russell John | *Harrison, N. Y.* |

| | |
|---|---|
| Knapp, Hugh Heath | *Colorado Springs, Colo.* |
| Knapp, John Northcott | *Cedar Rapids, Iowa* |
| Kulukundis, Miles Alexander | *Greenwich, Conn.* |
| Kunian, Stephen Toby | *Swampscott, Mass.* |
| Langford, Malcolm Sparhawk, Jr. | *Washington, D. C.* |
| LaRowe, Peter Clark | *Bronxville, N. Y.* |
| Lawler, Robert Forrest | *Greenfield, Mass.* |
| Leach, Robert Lyman | *Davenport, Iowa* |
| Leeder, Robert John | *Providence, R. I.* |
| Leibowitz, Stewart | *Richmond Hill, N. Y.* |
| Lewis, Douglas Edward | *Somerville, N. J.* |
| Lewis, Roscoe Conklin, III | *Washington, D. C.* |
| Lewis, Ward Bevins, Jr. | *Minneapolis, Minn.* |
| McClelland, James Craig | *Berea, Ohio* |
| McClure, Phillip Hutson | *Chickasha, Okla.* |
| MacConnell, Wade Sammis | *Northport, N. Y.* |
| McDowell, John Lee, III | *Light Street, Pa.* |
| MacGinnitie, Walter James | *DeKalb, Ill.* |
| McKenna, John William | *So. Weymouth, Mass.* |
| MacLaughlin, Douglas Earl | *West Dover, Vt.* |
| McPherson, William Harold, II | *Indianapolis, Ind.* |
| McRoberts, Robert Leslie | *Sheboygan, Wis.* |
| Mace, David Morrill | *Loudonville, N. Y.* |
| Madgic, Robert Francis | *Derby, Conn.* |
| Marvin, Charles, III | *Woodbridge, Conn.* |
| Middleton, Ronald Newell | *Portville, N. Y.* |
| Miller, James Robert | *Great Neck, N. Y.* |
| Miller, Lewis Holmes, Jr. | *New York, N. Y.* |
| Miller, Roland Merritt | *Kinderhook, N. Y.* |
| Myhr, Robert Owen | *Hopkins, Minn.* |
| Neal, John Bentley | *White River Jct., Vt.* |
| Neale, Henry | *Scarsdale, N. Y.* |
| Neill, Robert Lee, Jr. | *Plainfield, N. J.* |
| Newcomb, Leonard Shelton | *La Grange, Ill.* |
| Newcomer, James Michael | *Koenigstein i/Ts, Germany* |
| Nicholls, Richard Hall | *Elkhart, Ind.* |
| Nicol, Malcolm Foertner | *Briarcliff Manor, N. Y.* |
| Nisbet, Stephen Lee | *Lake Bluff, Ill.* |
| Northrup, Bruce Edgar | *Marietta, Ohio* |
| Owen, Kent Christopher | *Huntington, Ind.* |
| Park, Tae Wi | *Taegu, Korea* |
| Parker, Frederick Allen, Jr. | *Indianapolis, Ind.* |
| Parkman, Robertson | *Coraopolis, Pa.* |

| | |
|---|---|
| Parry, Henry Donald | *Utica, N. Y.* |
| Paulson, Thomas Lynn | *Washington, D. C.* |
| Pennock, David Spanton | *Saunderstown, R. I.* |
| Perichitch, Milutin Ljoubicha | *New York, N. Y.* |
| Pesce, Joseph Raymond | *New Haven, Conn.* |
| Pettit, Donald Robert | *Staten Island, N. Y.* |
| Pierce, John Morley | *Buffalo, N. Y.* |
| Platte, Curtis Richard, Jr. | *Pleasantville, N. Y.* |
| Plowman, Frederick Blair | *St. Paul, Minn.* |
| Pochoda, Philip M. | *New York, N. Y.* |
| Pollak, Robert | *Chevy Chase, Md.* |
| Pollock, Donald David | *So. Orange, N. J.* |
| Poulimenos, Peter | *Watertown, Mass.* |
| Powell, David Edward | *Brooklyn, N. Y.* |
| Powell, Robert Philip | *Chatham, N. J.* |
| Pratt, Roger Sherman | *New Milford, Conn.* |
| Prindle, Roderic Marvin | *Darien, Conn.* |
| Purdy, David Allan | *Ardsley, N. Y.* |
| Quisenberry, John Anderson | *Bronxville, N. Y.* |
| Rains, Wilson Hill | *Chevy Chase, Md.* |
| Rapp, Clyde Edward, Jr. | *Winnetka, Ill.* |
| Raye, John Ramsay | *Wellesley Hills, Mass.* |
| Rhodes, Stanley Williams | *Fayetteville, N. Y.* |
| Richardson, John Paul | *Springfield, Mass.* |
| Rohrbaugh, Stephen Banker | *Fayetteville, Ark.* |
| Romer, James Henry | *Cambridge, Mass.* |
| Rooney, James Kevin | *Dedham, Mass.* |
| Rose, Stuart Ramage | *New York, N. Y.* |
| Rosenberg, William Gordon | *Philadelphia, Pa.* |
| Rosenn, Keith Samuel | *Kingston, Pa.* |
| Rosenthal, Kenneth | *Paterson, N. J.* |
| Rowell, David Benton | *Amherst, Mass.* |
| Rozman, David Stephen | *Amherst, Mass.* |
| Russell, Carlton Thrasher | *Keene, N. H.* |
| Sandstrom, Peter Gerhard | *New York, N. Y.* |
| Scanlon, Lee Francis | *Cromwell, Conn.* |
| Schmitt, Peter Van Hall | *Snyder, N. Y.* |
| Schneider, Martin Bennett | *Philadelphia, Pa.* |
| Schuster, George Slade, Jr. | *Rochester, Minn.* |
| Seddon, John Wickham, Jr. | *St. Louis, Mo.* |
| Shactman, David Irwin | *Swampscott, Mass.* |
| Shaw, Stewart Henry | *Meriden, Conn.* |
| Shawwaf, Su'ud Mohammed Ali | *Saudi Arabia* |

| | |
|---|---|
| Shedler, Gerald Stuart | *New Rochelle, N. Y.* |
| Shick, Thomas Burt | *Rochester, Minn.* |
| Shumaker, Thomas Alvah | *New Wilmington, Pa.* |
| Simms, Edward MacLean | *White Plains, N. Y.* |
| Slobodin, Arthur Gregory | *Lansdale, Pa.* |
| Slocumb, John Crewe | *Rochester, Minn.* |
| Smith, Sanderson Morris | *Grosse Pointe, Mich.* |
| Snyder, Frederic Sylvester, II | *Mount Prospect, Ill.* |
| Snyder, Jeffrey Flood | *Menasha, Wis.* |
| Sokaris, Peter Gregory | *Albany, N. Y.* |
| Sonnenschein, Harry Adam | *New York, N. Y.* |
| Spencer, Norman Albert | *Brooklyn, N. Y.* |
| Steele, Robert Hampton | *Weathersfield, Conn.* |
| Storey, Stephen Dean | *Stanford, Calif.* |
| Strobel, Reaves Ewalt, Jr. | *Toronto, Ontario, Canada* |
| Strohm, Paul Holzworth, Jr. | *Western Springs, Ill.* |
| Swearengen, Thomas Van | *Jefferson City, Mo.* |
| Swope, John Franklin | *Croton-on-Hudson, N. Y.* |
| Taylor, James Gary | *Denver, Colo.* |
| Taylor, James Michael | *Hamburg, N. Y.* |
| Thomason, Melville Campbell | *Lenox, Mass.* |
| Turner, Blair Hamilton | *Evanston, Ill.* |
| Urmy, Thomas Van Orden, Jr. | *Williamstown, Mass.* |
| van den Toorn, Pieter Cornelius | *Wassenar, Netherlands* |
| Vetter, William Robert | *Flushing, N. Y.* |
| Vickers, William Fredrick | *Andover, Mass.* |
| Vogel, Robert Cross | *Bloomfield Hills, Mich.* |
| Wallas, Charles Henry | *St. Louis, Mo.* |
| Wechsler, Richard Carl | *New York, N. Y.* |
| Weiant, William Morrow | *Metuchen, N. J.* |
| Weinroth, Stephen David | *New York, N. Y.* |
| Weiser, Robert Ralph | *Pottstown, Pa.* |
| Weisfelder, Richard Frederick | *Bronx, N. Y.* |
| Wendler, John Wallace | *N. Tonawanda, N. Y.* |
| Wentzel, Alan Raymond | *Wakefield, Mass.* |
| Wessner, John M. | *Blanchester, Ohio* |
| Westcott, Peter Walter | *Chatham, N. J.* |
| Wettick, Ralph Stanton, Jr. | *Sharon, Pa.* |
| White, James Boyd | *West Hartford, Conn.* |
| Whitehead, John Francis, Jr. | *Guilford, Conn.* |
| Whittlesey, Stephen | *Wellesley, Mass.* |
| Wilder, Nicholas William George | *Rochester, N. Y.* |
| Will, George Frederick, Jr. | *Garden City, N. Y.* |

| | |
|---|---|
| Wilson, David Laurie | *Albany, N. Y.* |
| Wise, Morris Flarsheim | *Cincinnati, Ohio* |
| Wood, David Van Voorhis | *Washington, D. C.* |
| Wood, Harold Kenneth, Jr. | *Chadds Ford, Pa.* |
| Woodbridge, Timothy Frederick | *Oak Ridge, Tenn.* |
| Woodbury, Robert Louis | *Reading, Mass.* |
| Woody, George Edward | *Wyncote, Pa.* |
| Wynn, Richard Henry | *Roslyn Heights, N. Y.* |
| Zeckhauser, Robert Alan | *Great Neck, N. Y.* |
| Zgrodnik, Joseph Frank | *Hadley, Mass.* |
| Ziegler, John Leverett | *Wilton, Conn.* |
| Zimmerman, Paul David | *Hartsdale, N. Y.* |

## Students Not Enrolled as Candidates for a Degree

| | |
|---|---|
| Beigbeder, Jean Michel | *Pau, France* |
| Fujii, Hiroaki | *Tokyo, Japan* |
| Powers, Alden Wilson | *North Abington, Mass.* |
| Rahn, Hartmut | *Hessen, Germany* |
| Snow, Judith Johnston | *Williamsburg, Mass.* |
| Tommy-Martin, Yves Marc | *Paris, France* |
| Trubounis, Hector Harry | *Springfield, Mass.* |
| Wewer, Heinz Bernhard | *Emden, Germany* |
| Zavala, Julio Edgar | *Cordoba, Argentina* |

## SUMMARY OF ENROLLMENT

| | |
|---|---|
| Fellows | 29 |
| Graduate Students | 10 |
| Seniors | 251 |
| Juniors | 239 |
| Sophomores | 288 |
| Freshmen | 280 |
| Students Not Enrolled as Candidates for a Degree | 9 |
| Total | 1106 |

## CLASSIFICATION OF UNDERGRADUATES BY RESIDENCE

| | | | |
|---|---|---|---|
| New York | 282 | Illinois | 47 |
| Massachusetts | 163 | District of Columbia | 27 |
| New Jersey | 91 | Minnesota | 27 |
| Pennsylvania | 83 | Missouri | 18 |
| Connecticut | 79 | Maryland | 16 |
| Ohio | 53 | Rhode Island | 16 |

| | | | |
|---|---|---|---|
| California | 13 | Arkansas | 1 |
| Vermont | 13 | Idaho | 1 |
| Michigan | 11 | North Carolina | 1 |
| Colorado | 10 | Oklahoma | 1 |
| Indiana | 10 | Honolulu, T. H. | 2 |
| Iowa | 9 | Puerto Rico | 2 |
| Wisconsin | 8 | Canada | 4 |
| New Hampshire | 7 | Korea | 4 |
| Maine | 6 | France | 2 |
| Tennessee | 6 | Germany | 2 |
| Texas | 6 | Belgium | 1 |
| Virginia | 5 | Brazil | 1 |
| Kentucky | 4 | China | 1 |
| Arizona | 2 | Greece | 1 |
| Delaware | 2 | Israel | 1 |
| Florida | 2 | Netherlands | 1 |
| Kansas | 2 | Nicaragua | 1 |
| Louisiana | 2 | Saudi Arabia | 1 |
| Nebraska | 2 | Spain | 1 |
| New Mexico | 2 | Yugoslavia | 1 |
| Washington | 2 | | |
| West Virginia | 2 | Total | 1058 |

# V

## *The Alumni Associations*

# Alumni Associations

## THE SOCIETY OF THE ALUMNI

**(Annual Meeting in Commencement Week)**

| | |
|---|---|
| *Honorary President:* | Bruce Barton, '07 |
| *President:* | Clarence Francis, '10 |
| *Vice Presidents:* | Sargent H. Wellman, '12<br>Herbert H. Melcher, '17<br>John W. Heselton, '22<br>Philip R. Chase, '27<br>George P. Edwards, '32 |
| *Secretary-Treasurer:* | J. Alfred Guest, '33 |
| *Nominating Committee:* | Chester H. Whitney, '27, *Chairman*<br>Donald H. McLean, Jr., '32<br>James P. Wilkerson, '37<br>Miner D. Crary, '42<br>Charles R. Longsworth, '51 |
| *Inspectors of Election:* | Roy R. Blair, '18, *Chairman*<br>William H. Ross, '29<br>H. Hills Skillings, '38 |
| *Committee to Nominate Alumni Trustees:* | Wallace W. Anderson, '22, *Chairman*<br>George E. Keith, '27<br>William H. Raye, Jr., '32<br>Fairman C. Cowan, '37<br>Dandridge M. Gray, '42 |

## THE ALUMNI COUNCIL OF AMHERST COLLEGE

*Chairman:* Clarence Francis, '10

*Secretary:* J. Alfred Guest, '33

*Executive Committee:*

John B. Prizer, '29, *Chairman*

Clarence Francis, '10 *ex-officio* — Howard O. Colgan, '32
Robert J. Davis, '19 — Arthur R. English, '35
Harry W. Knight, '31 — George T. Bristol, '36

## REPRESENTATIVES OF CLASSES

| | |
|---|---|
| 1884 | Walter F. Willcox |
| 1888 | Albert S. Bard |
| 1889 | Edward Fairbank |
| 1891 | George L. Leonard |
| 1892 | Allan P. Ball |
| 1893 | Frank M. Lay |
| 1895 | Frederick H. Law |
| 1897 | Stephen Rushmore |
| 1899 | Everett E. Thompson |
| 1900 | Alden H. Clark |
| 1901 | Joseph Warner |
| 1902 | Fred H. Allen |
| 1903 | Arthur T. Foster |
| 1904 | Fayette B. Dow |
| 1905 | Frank S. Hayden |
| 1906 | George W. Porter |
| 1907 | John M. Waller |
| 1908 | Harold J. Baily |
| 1909 | Donald D. McKay |
| 1910 | Albert R. Jube |
| 1911 | Carleton B. Beckwith |
| 1912 | John H. Madden |
| 1913 | John T. Storrs |
| 1914 | W. Otway Morrow |
| 1915 | James Kellum Smith |
| 1916 | Edwin H. Lutkins |
| 1917 | Charles B. McGowan |
| 1918 | Philip R. Arnold |
| 1919 | Winfield W. Riefler |
| 1920 | E. Norton Reusswig |
| 1921 | Stuart R. French |
| 1922 | Sidney W. Andrews |
| 1923 | Richard B. Cowan |
| 1924 | Lincoln S. Cain |
| 1925 | Lyle W. Hornbeck |
| 1926 | Paul C. French |
| 1927 | Loomis Patrick |
| 1928 | John Coolidge |
| 1929 | John B. Prizer |
| 1930 | Donald P. Felt |
| 1931 | William F. Merrill |
| 1932 | Arthur Davenport |
| 1933 | Richard H. Gregory, Jr. |
| 1934 | Robert D. Cox |
| 1935 | John C. Boyden |
| 1936 | Minot Grose |
| 1937 | Richard S. Zeisler |
| 1938 | Frederick O. Schweizer |
| 1939 | James A. Stewart |
| 1940 | Howard Williams |
| 1941 | George R. Yerrall, III |
| 1942 | Dandridge M. Gray |
| 1943 | Robert A. Eaton |
| 1944 | Henry F. Dunbar, Jr. |
| 1945 | John H. Madden |
| 1946 | Malcolm K. Skipton, Jr. |
| 1947 | Thomas J. O'Connor, Jr. |
| 1948 | Richard D. Tietjen |
| 1949 | William R. Park |
| 1950 | William J. Young |
| 1951 | Richard F. deLima |
| 1952 | Paul Geithner |
| 1953 | Carle F. Jenkins |
| 1954 | John H. Armstrong |
| 1955 | J. Alan McLean |
| 1956 | Jerry A. Cogan, Jr. |

## REPRESENTATIVES OF ALUMNI ASSOCIATIONS

| | |
|---|---|
| Amherst Club of New York | George M. Rowland, Jr., '26<br>L. Neiland Gallagher, '51 |
| Boston | H. Nelson Conant, '16<br>James R. Cobb, '34 |
| Buffalo | F. Robert Greene, '34 |
| Central Massachusetts | Harrison G. Taylor, Jr., '42 |
| Central New York | George B. Dowley, '40 |
| Chicago | Edward J. Burnell, '33 |
| Cincinnati | Dennett F. Howe, '30 |
| The Columbia | Percy W. Blanchard, '02 |
| Columbus | Daniel M. Galbreath, '50 |
| Connecticut | Edward C. Andrews, '26 |
| Connecticut Valley | Malcolm K. Skipton, Jr., '46<br>Howard Williams, '40 |
| Florida | Orin M. Phelps, '24 |
| Indiana | Forest W. Blanton, '21 |
| Michigan | George W. Williams, '11 |
| Northeastern New York | Arthur P. White, '16 |
| Northern California | H. Harrison Fuller, '17 |
| Northern Ohio | Merrill H. Boynton, '16<br>Laurence T. Mayher, '30 |
| Northwest | Henry S. Kingman, '15 |
| Philadelphia | Robert J. Lehman, '31<br>Robert L. Leininger, '44 |
| Rhode Island | Gordon Holmes, '27 |
| Rochester | George H. Phreaner, '37 |
| Rocky Mountain | Robert S. McCollum, '38 |
| St. Louis | Stanley J. Birge, '08 |
| Southeast | J. David Gerhard, '38 |
| Southern California | Frederick S. Bale, '06<br>Douglas C. Lance, '34 |
| Texas | John E. Kilgore, Jr., '41 |
| Washington, D. C. | C. Douglas Sager, '38 |
| Washington State | Stuart C. Frazier, '22 |
| Western Pennsylvania | Lloyd M. Clark, '17<br>James D. Harlan, '27 |
| Wisconsin | Hartley Joys, '39 |

## MEMBERS AT LARGE

Clarence Francis, '10
Sydney D. Chamberlain, '14
Robert J. Davis, '19
J. Henry Neale, '24
Robert C. Fulton, '30
Harry W. Knight, '31
Howard O. Colgan, Jr., '32
Arthur R. English, '35
George T. Bristol, '36
Paul E. Bragdon, '50

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Foreign Office, Shibatamura-machi, Minato-ku, Tokyo

THE ASSOCIATION OF PARIS

CHARLES TOREM, *President* — 4 Marboeuf, Paris 8, France
FREDERICK W. BEEKMAN, *Honorary President*
261 Blvd. Raspail, Paris, France

# VI

## *Appendix*

# Appendix

## SCHOLARSHIP FUNDS

The following is a list of the Scholarship Funds of the College, the income of which is available for Scholarships and other forms of Student Aid.

| | |
|---|---|
| Frederick S. Allis Scholarship Fund | $ 4,065.00 |
| Anderson Scholarship | 1,870.00 |
| Frank L. Babbott Scholarship | 10,000.00 |
| Lydia Richardson Babbott Endowment Fund | 50,000.00 |
| Danforth Keyes Bangs Scholarship Fund | 4,000.00 |
| Edmund P. Barker and Susan Marvin Barker Scholarship Fund | 8,107.06 |
| Ivory H. Bartlett Scholarship Fund | 5,000.00 |
| Beecher Scholarship Fund | 76,004.80 |
| Albion F. Bemis Scholarship Fund | 2,000.00 |
| Borden Scholarship | 1,870.00 |
| Dolly Coleman Blake Scholarship Fund | 1,000.00 |
| Chandler Matthews Bray Scholarship Fund | 19,750.00 |
| William Louis Bray Class of 1858 Scholarship Fund | 100.00 |
| Alexander H. Bullock Scholarship Fund | 1,500.00 |
| George M. Butler Class of 1897 Scholarship Fund | 1,000.00 |
| Butts Scholarship Fund | 8,000.00 |
| John A. Callahan Scholarship Fund | 7,770.00 |
| Joseph Carew Scholarship Fund | 1,046.40 |
| George B. Carter '06 Scholarship Fund | 2,000.00 |
| Centennial Gift | 123,400.00 |
| The Charitable Fund | 126,293.41 |
| Edwin Clapp Scholarship | 4,625.00 |
| Jefferson Clark Scholarship Fund | 10,000.00 |
| The Lewis F. Clark Scholarship Fund | 10,000.00 |
| Class of 1826 Scholarship Fund | 500.00 |
| Class of 1831 Scholarship Fund | 1,255.00 |
| Scholarship of the Class of 1836 | 1,250.00 |
| Scholarship Fund of the Class of 1839 | 1,200.00 |
| Scholarship Fund of the Class of 1844 | 500.00 |
| Class of 1845 Scholarship Fund | 1,000.00 |
| Class of 1846 Scholarship Fund | 1,000.00 |
| Class of 1849 Scholarship Fund | 1,000.00 |
| Class of 1850 Scholarship Fund | 1,230.00 |
| Class of 1852 Scholarship Fund | 1,000.00 |

| | |
|---|---|
| Class of 1853 Scholarship Fund | $ 1,500.00 |
| Class of 1855 Scholarship Fund | 1,121.83 |
| Scholarship Fund of the Class of 1856 | 1,000.00 |
| Class of 1857 Scholarship Fund | 1,500.00 |
| Scholarship Fund of the Class of 1858 | 1,250.09 |
| Class of 1859 Scholarship Fund | 2,650.00 |
| Class of 1860 Scholarship Fund | 3,000.00 |
| Class of 1861 Scholarship Fund | 3,000.00 |
| Class of 1865 Scholarship Fund | 1,008.31 |
| Class of 1869 Scholarship Fund | 2,670.76 |
| Scholarship Fund of the Class of 1871 | 2,186.11 |
| Class of 1873 Scholarship Fund | 5,000.00 |
| Class of 1877 Scholarship Fund | 2,500.00 |
| Class of 1880 Scholarship Fund | 3,038.96 |
| Class of 1897 Scholarship | 4,000.00 |
| Composite Scholarship Fund—Classes of 1829, '35, '38, '66, '67, '70 | 1,262.28 |
| 1927 Memorial Fund | 11,525.63 |
| Class of 1928 25-Year Memorial Fund | 14,096.17 |
| Class of 1929 25-Year Memorial Fund | 11,410.91 |
| Class of 1930 25-Year Memorial Fund | 20,122.18 |
| Class of 1931 25-Year Memorial Fund | 16,260.22 |
| Class of 1933 25-Year Memorial Fund | 1,507.48 |
| E. C. Converse Scholarship Fund | 50,000.00 |
| George Cook Scholarship Fund | 1,050.00 |
| William Lyman Cowles Class of 1878 Scholarship Fund | 3,000.00 |
| Miner D. Crary Scholarship Fund | 12,112.50 |
| Crosby Memorial Scholarship Fund | 27,000.00 |
| William Cutler and Harriette Gilbert Cutler Memorial Scholarship | 15,520.00 |
| Day Benevolent Fund | 5,000.00 |
| Enos Dickinson Scholarship Fund | 1,258.33 |
| Sidney and Hannah Dillon Fund | 5,000.00 |
| The Dodge Fund | 4,841.38 |
| W. F. Draper Scholarship Fund | 2,550.00 |
| Charles R. Drew Memorial Scholarship | 10,165.18 |
| Lucius R. Eastman Fund | 10,000.00 |
| James M. Ellis Fund | 5,056.11 |
| Addison Alvord Ewing Scholarship Fund | 9,000.00 |
| Isaac D. Farnsworth Scholarship Fund | 3,000.00 |
| The Thomas P. Field Scholarship Fund | 10,000.00 |
| Fiske and Warren Scholarships | 2,787.44 |
| Augustine Milton Gay Scholarship Fund | 5,056.44 |
| Emerson Gaylord Scholarship Fund | 6,000.00 |

| | |
|---|---|
| Henry Hill Goodell Class of 1862 Scholarship Fund | $ 2,000.00 |
| Harry P. Greeley Scholarship Fund | 15,256.06 |
| Greene Scholarship | 1,000.00 |
| The Henry Gridley Scholarship of the Class of 1862 | 2,060.49 |
| Thomas Hale Scholarship Fund | 1,000.00 |
| George A. Hall Scholarship Fund | 5,000.00 |
| William Hilton Scholarship Fund | 50,000.00 |
| Hitchcock Scholarship Endowment | 11,270.00 |
| George Frisbie Hoar Fund | 1,000.00 |
| Clarissa Dodge Howard Scholarship Fund | 10,000.00 |
| William R. Howard Scholarship Fund | 5,000.00 |
| The Hubshman Foundation Scholarship Fund | 30,879.35 |
| John Montgomery Hunter Scholarship Fund | 27,063.43 |
| Mary W. Hyde Scholarship Fund | 1,000.00 |
| Sarah B. Hyde Scholarship Fund | 1,000.00 |
| Infirmary Aid Fund | 2,100.00 |
| A. J. Johnson Scholarship Fund of the Class of 1823 | 1,046.40 |
| Edward P. Judd Memorial Scholarship Fund | 7,627.09 |
| Eugene Kimball Scholarship Fund | 2,000.00 |
| John C. Kimball Scholarship | 1,000.00 |
| Knowles Scholarship Fund | 3,000.00 |
| Payne P. Larsen, in memory of Frederick B. Richardson | 5,335.83 |
| Andrew D. Lawrie Scholarship Fund | 101,000.00 |
| Henry Lobdell Scholarship Fund | 2,000.00 |
| Ludington Scholarship Fund | 100,100.00 |
| Charlotte Procknow McClelland Fund | 500.00 |
| George W. McFadden, Jr. Scholarship Fund | 5,554.97 |
| Francis J. Marsh Memorial Fund | 5,000.00 |
| Charles Merriam Scholarship | 2,415.00 |
| Charles E. Merrill Scholarship Fund | 21,600.00 |
| Charles Morton Merrill Fund | 100,000.00 |
| J. C. B. Miller Scholarship Fund | 1,000.00 |
| Moore Beneficiary Fund | 38,024.92 |
| Charles F. Morse Scholarship Fund | 225.00 |
| Anson Daniel Morse Memorial Scholarship Fund | 2,500.00 |
| C. L. Morse Scholarship Fund | 2,000.00 |
| Harold Ely Morse Memorial Scholarship Fund | 2,500.00 |
| J. C. Newton Scholarship Fund | 1,230.00 |
| LaVerne Noyes Foundation | 3,030.00 |
| Newton Scholarship Fund | 1,000.00 |
| Edward H. Perkins Jr. Scholarship Fund | 5,000.00 |
| Persian Scholarship Fund | 2,082.85 |
| Asa Clinton Pierce Scholarship Fund | 5,000.00 |
| George D. Pratt Scholarship Fund | 49,462.50 |

| | |
|---|---|
| President's Loan Fund | $ 15,000.00 |
| Reed Scholarships | 2,500.00 |
| George Milton Reed Scholarship Fund | 5,056.11 |
| Emily B. Ripley Scholarship Fund | 1,000.00 |
| S. Robinson Scholarship Fund | 3,000.00 |
| E. Russell Scholarship Fund | 8,000.00 |
| Lowell Russell Scholarship Fund | 1,041.43 |
| John E. Sanford Class of 1851 Scholarship Fund | 10,000.00 |
| James S. Seymour Scholarship Fund | 5,000.00 |
| Ellis R. Smith Scholarship Fund | 500.00 |
| Harry deForest Smith Scholarship Fund | 1,704.48 |
| Isaac F. Smith Student Loan Fund | 6,371.72 |
| Luther Ely Smith Memorial Fund | 10,545.44 |
| Wells Southworth—Class of 1822 Scholarship Fund | 1,280.00 |
| Special Endowment Fund No. 2 | 25,000.00 |
| Charles J. Staples Memorial | 25,000.00 |
| Harold Parker Stevens Fund | 32,963.72 |
| Caleb Stimson Fund | 19,900.00 |
| Stone Educational Fund | 25,000.00 |
| Stone Educational Fund | 25,000.00 |
| Frederic N. Stone Scholarship Fund | 4,924.17 |
| Harlan F. Stone Memorial Scholarship Fund | 25,000.00 |
| Henry E. Storrs Scholarship Fund | 5,000.00 |
| Charles Snow Thayer Scholarship Fund | 1,000.00 |
| L. H. Thayer Scholarship Fund | 5,000.00 |
| Elizabeth W. McCormick Tucker Scholarship Fund | 1,000.00 |
| Bessy Tucker Scholarship Fund | 13,344.48 |
| Quincy Tufts Scholarship Fund | 2,000.00 |
| Sarah Tuttle Scholarship Fund | 1,041.43 |
| W. S. Tyler of the Class of 1830 Fund | 1,000.00 |
| George H. Watson Memorial Fund | 62,705.79 |
| Edwin P. Wells Scholarship Fund | 32,295.43 |
| Whitcomb Scholarship Fund | 12,000.00 |
| Herbert Otis White Scholarship Funds | 12,000.00 |
| Whitehall Foundation, Inc. | 1,000.00 |
| Elmer W. Wiggins Fund | 108,241.87 |
| Harry Wilbur Scholarship Fund | 5,000.00 |
| David Winslow Scholarship Fund | 200.00 |
| Henry Lawrence Wilkinson Memorial Fund | 5,000.00 |
| The Williams Scholarship Fund | 257.80 |
| Worcester Scholarship Fund | 5,000.00 |
| | $1,928,082.74 |

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